MAR 30 1943

WPB Reorganized—page 3

Oil, Paint and Drug Reporter

The Chemical Market Authority Since 1871

Volume 143 No. 13

Schnell Publishing Company, Inc., Publishers

March 29, 1943

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OPD—3-29-1943

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Chemical	Formula	Molecular Weight	Boiling Point °C. at 760 mm.	Vapor Pressure in mm. Hg. at 20°C.
2-Ethylbutanol	$(C_2H_5)_2CHCH_2OH$	102.17	148.9	1.1
n-Hexanol	$CH_3(CH_2)_4CH_2OH$	102.17	157.2	0.98
Polyethylene Glycol 200	$HO(CH_2CH_2O)_xH$	200 avg.	—	<0.01
Polyethylene Glycol 300	$HO(CH_2CH_2O)_xH$	300 avg.	—	<0.01
Polyethylene Glycol 400	$HO(CH_2CH_2O)_xH$	400 avg.	—	<0.01
"Dehydranone"	$CH_3COCHCOCH: C(CH_3)OCO$	168.06	Melts 108	<0.1

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Founded 1871 by William O. Allison

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Chemical Patents Studied by Elder

OPD Washington Bureau

Dr. Albert L. Elder, on leave from the chemistry department of Syracuse University, who was appointed chief chemical adviser to the War Production Board September 16, 1942, is carrying on an important function in the war effort, that of scrutinizing not only patent applications relating to chemicals, but, at the request of the War Division of the Patent Office, studying all patent applications affecting the war effort in metals, alloys, chemicals and rubber.

Dr. Elder acts as liaison between WPB, the Patent Office and the National Inventors' Council. He also cooperates with Dr. Donald Keyes of the Office of Production Research and Development of WPB on the merits of

—*Continued on page 32*

72d—OPD—Year

Neukom Quits OPA Fuel Rationing Branch

The resignation of John G. Neukom as chief of the fuel oil rationing branch of the Office of Price Administration, effective immediately, has been announced by Paul M. O'Leary, deputy administrator in charge of rationing. Mr. Neukom will continue in an advisory capacity. Laurence C. Vass, a native of Des Moines, Iowa, will succeed Mr. Neukom, Mr. O'Leary stated. Mr. Vass has been with the OPA since March, 1942, as the executive officer of the price department.

—O-P-D—

Ezekiel Quits WPB

OPD Washington Bureau

Dr. Mordecai Ezekiel has left his position as personal adviser to Charles E. Wilson, executive vice-chairman of the War Production Board, because of Army and Navy opposition to his activities, and has returned to his former post as economic adviser to Claude R. Wickard, Secretary of Agriculture, it was reported here.

Army-Navy Get Quinine Supplies

OPD Washington Bureau

Disbursement of 3,634,782 ounces of quinine sulphate to the army and 1,283,600 ounces to the navy for medicinal purposes has been made by the Procurement Division of the Treasury Department, under provision of an Executive Order, signed by President Roosevelt March 20. The allotments will be made from stocks acquired by the Treasury Department.

Drying Oils Patent Suit Settlement Reached

An out-of-court settlement was reached recently in the suit of Woburn Degreasing Company of New Jersey against Spencer Kellogg & Sons, Inc., charging infringement of a patent for manufacturing drying oils for paints and varnishes from castor oil, and the suit was dismissed March 18 on motion of the counsel by Judge John Knight of the Federal District Court at Buffalo.

The suit revolved around the UFER patent, a German invention held by I. G. Farbenindustries which had been licensed to both Woburn Degreasing Company and Standard Oil Company of New Jersey. At the time of the dismissal, however, a petition was pending for reargument of the request of the Department of Justice to intervene in the case on the grounds that the license violated the antitrust laws in attempting to control the uses made of the oils produced under the patented process.

The exact status of the department in the case in the light of the dismissal of the suit was not clear at this time. Department officials said they could make no statement on the case until they have seen the settlement and had time to study its terms.

WPB Reorganization Gives Wilson More Authority

OPD Washington Bureau

Reorganization of the War Production Board and the assignment of the duties and the areas coming under the supervision of the various vice-chairmen was announced by Donald M. Nelson, chairman of the WPB March 24, together with an amendment to WPB regulation No. 1 providing that hereafter actions and regulations of the board will be taken in the name of the board itself instead of being signed by one official.

The necessity for the amendment was brought about by the elimination of the office of the Director General for Operations in the reorganization in whose name the orders and regulations of the board have been issued in the past. The only exception to the provisions of the amended regulation is in the case of actions taken under the terms of the smaller war plants act.

In the reorganization of the WPB, a number of other offices besides the Director General for Operations is abolished or consolidated with other offices. Others that are abolished are the Office of Deputy Director for Distribution, Director General for War Production Scheduling, Office of the Deputy Director General for Industry Divisions, the Office of the Deputy Director General for Staff, and the Director General of War Productions and the Production Bureau.

Wilson Key Official

The key official under Mr. Nelson in the new setup is Executive Vice-Chairman Charles E. Wilson. The vice-chairmen are all required to report and be responsible to Mr. Wilson, while the following organization units are to report and be directly responsible to Chairman Nelson:—Office of the Executive Secretary; Office of the General Counsel; Office of the Rubber Director; Office of War Utilities; Smaller War Plants Corporation, and Smaller War Plants Division.

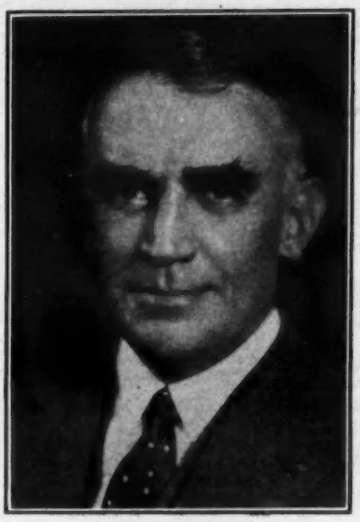
The top officials in the reorganization are J. A. Krug, program vice-chairman; Donald D. Davis, operations vice-chairman; Ralph J. Cordiner, vice-chairman (without portfolio); William L. Batt, vice-chairman on international supply.

Subject to the policies and direc-

—*Continued on page 64*

Monsanto Elevates Queeny, Belknap

Charles Belknap, chairman of the executive committee and executive vice-president of the Monsanto Chemical Company, St. Louis, was elected president March 23. Edgar Monsanto



Charles Belknap

Queeny, for the last fifteen years president, was elected chairman of the board, a position vacant since the death of his father, John Francis Queeny, founder and first president of the company, in 1933. No executive

—*Continued on page 32*

—O-P-D—

Glycerin Content Cut In N.F. Preparations

OPD Washington Bureau

The second supplement to the National Formulary, Seventh Edition modifying the formulas for a number of drug products to conserve glycerin was issued March 25 by Justin L. Powers, chairman of the committee on National Formulary. It also provides for minor revisions of a few monographs, the addition of a monograph on sodium cyanide, reagent grade, and the correction of certain errors which appear in the text of N. F. VII.

Dr. Powers said that since glycerin is now restricted to 60 percent of the normal (1941) amount for pharmaceutical uses, and because it is not unreasonable to anticipate further reductions, the savings of glycerin in pharmaceutical preparations is important. Tabulated below is a list of preparations affected and the saving of glycerin that may be effected in each preparation:—

Preparation	Percent reduction of glycerin
Alkaline aromatic solution	50
Elixir of iron and strychnine	100
Elixir of iron and strychnine phosphates	100
Elixir of pepsin	60
Elixir of pepsin, compound	52
Elixir of pepsin and rennin	20
Elixir of terpin hydrate	50
Mixture of rhubarb and soda	20
Syrup of ammonium hypophosphite	83
Syrup of calcium lactophosphate	83
Syrup of hypophosphites	83
Syrup of hypophosphites, compound	83
Syrup of white pine, compound	100

—*Continued on page 49*

—O-P-D—

WPB to Check CMP Compliance

OPD Washington Bureau

The War Production Board has announced that plans are being completed whereby its compliance division will make a check of between 5,000 and 10,000 users of the Controlled Materials Plan regulations.

About 1,200 field inspectors will be used in the nationwide investigation, most of them being on loan to WPB from the Federal Trade Commission, the Wage and Hour Division of the Department of Labor, the Federal Security Agency and others.

—O-P-D—

CMP Regulation No. 1 Interpretation Made

OPD Washington Bureau

Serious impairment of the scheduled flow of vital materials under the Controlled Materials Plan is threatened by the practice adopted by some manufacturers of placing more than one order for the aluminum, copper, or steel allotted them, War Production Board officials have warned. To halt this practice before it assumes dangerous proportions, WPB has issued an interpretation of CMP Regulation No. 1 which makes it clear that duplication of orders for allotted materials is in violation of the law and may subject manufacturers to severe penalties under the criminal code.

Glycerin Civilian Allocations For April Curtailed Sharply

OPD Washington Bureau

Allocations of glycerin are being denied entirely by the War Production Board beginning April for four additional groups of civilian products in the less essential fields because of the failure of glycerin production to keep pace with military and essential civilian demands, it was learned March 24.

Products being added to the list of those for which no allocations are being made are:—dentifrices, lotions, and shaving cream which were allotted 25 percent of the base period consumption in March, and tobacco which last month received 50 percent of the base period uses.

The addition of these commodities brings to fifteen the number of groups being removed from the glycerin allocation list entirely. Others which already were denied allocations are:—cosmetics, beverages, flavors, candy and all edible products except margarine, gum, tablet and pad adhesives, emulsifiers for shortening, beverage crown caps, protective coatings for most civilian uses, soaps, shampoos and hair tonics.

—*Continued on page 50*

Glycerin Replacements

Adapted from the OPD Department of Substitutes and Replacements

Alkyl phosphates—As a humectant in vat textile printing pastes.

Alro-hydrine—In textile processing.

Amyl-sodium-potassium phosphate—As a humectant in vat textile-printing pastes.

Apple juice—In foods and tobacco products.

Aquaresin—In various technical applications.

Arlex—As a softener in glues, mucilages, printer's rollers.

Corpolin—As a hygroscopic and softening agent in various applications.

—*Continued on page 50*

—O-P-D—

FDA Glycerin Unit Headed by Lenth

OPD Washington Bureau

E. W. Wilson, who has been chief of the soaps and glycerin unit of the Food Distribution Administration (formerly under the Chemicals Division of the War Production Board) since last August has resigned to return to Armour & Co., it was learned March 24. He has been succeeded by Dr. C. W. Lenth, formerly with Miner Laboratories, Chicago, where for nine years he was in charge of extensive research programs for the Glycerin Producers Association.

OPD Price Index

The OIL, PAINT AND DRUG REPORTER's relative record of prices for chemicals and related materials is currently as follows:—

Mar. 26, 1943	Mar. 19, 1943	Mar. 27, 1942
135.2	**135.3**	**145.3**

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

Botanics and aromatics furnished the price interest, largely, in the markets for chemicals and related materials last week. The drugs and gums made a slight gain; the odorous oils were pushed back a little. The net result was a small recession of the general average. The petroleum trend was slightly upward.

In its new job of boss of the oils the Department of Agriculture ran a number of such under allocations. The main military relative thereof — glycerin—was pinched off some more from general use. Oils pricing was static; with the coming of the new AFPD control, the future cannot even be guessed.

Chestnut Extract Ceiled by OPA

OPD Washington Bureau

Chestnut extract has been placed under a separate regulation providing dollar-and-cents ceilings generally reflecting prices quoted in January, 1942, the Office of Price Administration has announced. Sales of all grades and quantities made by producers and jobbers are covered in Maximum Price Regulation No. 352, effective April 1, 1943.

A maximum producers' base price of $2.25 is established for 100 pounds of liquid chestnut extract of 25 percent tannin content, the key grade of the group. Ceilings are established for other grades in line with differentials recognized by the industry.

The price for powdered chestnut extract of 65 percent tannin content is set at $6.50 for 100 pounds and differentials for other grades of the extract in powdered form are similarly pro-

—*Continued on page* 43

—O-P-D—

Zinc Dust Allocation Extended Beyond Mar. 31

OPD Washington Bureau

Continuance of zinc dust allocations after March 31 under the provisions of general preference order M-11-1 has been authorized by the War Production Board with the issuance of an amendment extending the life of the order. The entire supply of zinc dust was placed under allocation and use control January 1, 1943, effective for the period ending March 31,1943. With the expiration date eliminated, the amended order will continue in effect until revoked.

Allocation certificates will be issued as usual by the War Production Board to consumers of zinc dust on or about the first of April for delivery during that month. No change is made in the administrative provisions of the order. Applications for allocations are to be made, as heretofore, on form PD-755 before the fifteenth day of the month preceding the calendar month in which delivery is wanted.

—O-P-D—

Mica Price Increase Allowed by OPA

OPD Washington Bureau

The Office of Price Administration last week issued maximum price regulation No. 347, which provides an increase of ¼c. per pound in the maximum prices for domestic wet and dry ground mica and mica schist, water-washed mica and micronized mica. Scrap mica and crude mica schist are removed from price control to permit a higher level of domestic production of scrap and sheet mica.

—O-P-D—

British Offer Cedarwood Oil

LONDON, Mar. 26, 1943

Quotations on British cedarwood oil stand at 16s. per pound.

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Drum Steel Found

OPD Washington Bureau

A supply of frozen galvanized sheet steel, 18 gauge, sufficient to make 4,200 55-gallon drums, has been located in Ohio by the WPB Containers Division.

Anyone in need of such drums and not prohibited from using them under L-197, is asked to communicate with Charles P. Given, Packaging Unit, Chemical Division, War Production Board, Washington.

—O-P-D—

Dr. Ernest W. Reid Is Out of WPB

OPD Washington Bureau

Dr. Ernest W. Reid, WPB Deputy Director-General for Operations, whose office was among those abolished in the latest reorganization of the board, has severed all connections with WPB except to act as a dollar-a-year consultant to the Chemicals Division. He left for his home in Kansas March 27.

Dr. Reid first joined the government in June, 1940, as a member of the Council of National Defense. Through the many reorganizations of the war agencies he moved up to more responsible positions. He was chief of the WPB Chemicals Branch from February to November, 1942.

—O-P-D—

Paint Group Told of Linseed Oil Scarcity

OPD Washington Bureau

The situation in dying oils is growing more serious, and the long-run outlook for linseed oil supplies for protective coatings is not hopeful, the Paint, Varnish and Lacquer Industry Advisory Committee was informed at a meeting in Washington, March 25.

Present quotas for linseed oil probably will be reduced, the committee was told, and the industry was urged to make the greatest efforts to obtain extension of the uses of existing stocks. Application by the industry of conservation measures recommended by the protective coatings and materials section of the chemicals division of WPB was stressed in this regard.

—O-P-D—

Pioneer Potash Shares Vested by APC

OPD Washington Bureau

The Alien Property Custodian has vested 4,000 shares of $100 par value common capital stock of Pioneer Potash Corporation, registered in the name of and owned by N. V. tot Financiering van Industrieele Ondernemeingen Finindo. The 4,000 shares represent the total outstanding stock of the company.

—O-P-D—

APC Takes Over More I.G. Patents

OPD Washington Bureau

The Alien Property Custodian has vested patents of the I. G. Farbenindustrie, A.G., covering the production of alicyclic ketones from alicyclic alcohols and pimelic acid derivatives disubstituted in the Y-position and a process for preparing same.

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Superphosphate Prices Ceiled by OPA

OPD Washington Bureau

All grades of superphosphate were placed under a ceiling, effective March 30, by the Office of Price Administration. The order follows:—

(1) Bulk sales of ordinary superphosphate. The maximum price a producer may charge for ordinary superphosphate (containing less than 22 percent available phosphoric acid) for sale in bulk to fertilizer manufacturers of mixers shall be:—

(a) Pulverized superphosphate. (1) For sales of run-of-pile, basis f.o.b. cars at each producing point, the price specified for that point as listed below:—

Point of Production—	Maximum price per unit of available phosphoric acid
Lowell, Mass.	$.75
North Weymouth, Mass.	.75
Woburn, Mass.	.75
Buffalo, N. Y.	.70
Carteret, N. J.	.69
Paulsboro, N. J.	.67
Philadelphia, Pa.	.67
Baltimore, Md.	.64
Alexandria, Va.	.64
Lynchburg, Va.	.64
Norfolk, Va.	.63
Portsmouth, Va.	.63
Richmond, Va.	.64
Acme, N. C.	.62
Charlotte, N. C.	.62
Durham, N. C.	.62
Greensboro, N. C.	.62
Laurinburg, N. C.	.62
Navassa, N. C.	.59
Selma, N. C.	.62
Wadesboro, N. C.	.62
Wilmington, N. C.	.59
Wilson, N. C.	.62
Anderson, S. C.	.62
Charleston, S. C.	.55
Columbia, S. C.	.60
Greenville, S. C.	.62
Hartsville, S. C.	.62
Lancaster, S. C.	.62
Spartanburg, S. C.	.62
East Tampa, Fla.	.50
Jacksonville, Fla.	.53
Nichols, Fla.	.50
Pierce, Fla.	.50
Dallas, Tex.	.70
Houston, Tex.	.68
Little Rock, Ark.	.70
Texarkana, Ark.	.70
Calumet City, Ill.	.68
Chicago Heights, Ill.	.68
East St. Louis, Ill.	.63
Fort Wayne, Ind.	.68
Indianapolis, Ind.	.68
New Albany, Ind.	.65
Detroit, Mich.	.70
Lansing, Mich.	.70
Cincinnati, O.	.65
Cleveland, O.	.68
Columbia, O.	.68
Lockland, O.	.65
Sandusky, O.	.68
Silica, O.	.68
Toledo, O.	.68
Washington Court House, O.	.68
Stege, Calif.	.84
Vernon, Calif.	.84

(2) For sales of run-of-pile, basis f.o.b. cars at buyer's destination within a delivery area as described below from any producing point listed as a price basing point for that area, a price equal to the price f.o.b. the one of the price basing points listed plus the cost of transportation by rail in car-load lots from that price basing point to the buyer's destination which will result in the lowest net delivered cost to the buyer, such transportation cost to in-

—*Continued on page* 60

—O-P-D—

Fertilizer Price Margins for Dealers Set

OPD Washington Bureau

Maximum prices to dealers and consumers of mixed fertilizer, superphosphate, and potash today were modified, in certain localities and under particular conditions, by the Office of Price Administration. Revised Maximum Price Regulation No. 135 provided that, if a fertilizer manufacturer's price schedule included an offering price to consumers, such offering price would become the maximum price at which any dealer in that sales area might sell to consumers.

Under the new amendment, a dealer must observe the manufacturer's price to consumers only when the manufacturer's price schedule specifically suggests that such a price be charged by dealers, or, if the schedule recommends dealer's margins, those must be observed. Otherwise a dealer may add to his cost for fertilizer a margin no greater than that provided in the regulation.

—O-P-D—

Ferrocolumbium Added To Critical Metals List

OPD Washington Bureau

Ferrocolumbium has been added to the list of critical metals which are completely allocated by the War Production Board. This action was taken by General Preference Order M-296, which permits the use or delivery of the metal only with approval of WPB. Application for such approval should be made on forms PD-391 or PD-707.

BEW Voids Licenses For Certain Chemicals

OPD Washington Bureau

General licenses for the exportation of certain chemicals and chemical products to countries in the so-called "C" group defined in the regulations of the Board of Economic Warfare, were revoked effective March 24, it was announced by the BEW, March 22.

Such chemicals in the future will move under the so-called "decentralization plan" of the BEW under which the material needs of the importing countries are programed on the basis of each country's requirements by official groups located in such countries.

Shipments of the commodities for which an ODT permit has been issued, or which are on dock, on lighter, laden aboard the exporting carrier, or in transit to ports of exit pursuant to actual orders for export prior to the effective date of change may be exported under the previous general license provisions. The chemicals included in the announcement were:—

Ammonium sulphate, calcium cyanamide, calcium nitrate; fertilizer mate-

—Continued on page 64

—O-P-D—

Foreman's Status Under Labor Act to Be Defined

OPD Washington Bureau

The question whether foremen can be treated as employees under the national labor relations act will be the subject of a public hearing before the National Labor Relations Board April 6. The issue was presented to the board in three separate petitions filed by unions composed of foremen of Boeing Aircraft Co., Seattle, Wash., each one desiring to be designated exclusive bargaining agent for a particular level of foremen.

—O-P-D—

Consumers' Goods Inventory Order Revised

OPD Washington Bureau

A modification of consumers' goods inventory limitation order L-219 to permit sellers of drugs, paints, toiletries and other products covered by the order to exchange their stocks with other merchants even though their inventories exceed the limits of the order was announced March 26 by the WPB. Such exchanges will be considered receipts of goods only to the extent of the difference in the dollar value of the goods received and the goods transferred.

The new provision, one of a series of amendments to the order, will facilitate swapping of goods by overstocked controlled merchants and enable them to bring their stocks down to normal levels.

—O-P-D—

Color in Oil Pigments Specification Proposed

A proposed Federal specification for color in oil paint pigments has been released by the Bureau of Standards, Washington. It is proposed to group all the paste colors-in-oil, except white lead, red lead, blue lead, zinc oxide and leaded zinc oxide, in a single specification. Separate, individual specifications will cover each dry color.

It is proposed to have the paste colors possess high tinting strength and at the same time have a quick-mixing consistency, so that they can be used by the painter for tinting purposes without thinning. Therefore a small amount of turpentine or mineral spirits is permitted with the linseed oil.

Comments and criticisms must be filed with E. F. Hickson, chairman, Technical Committee on Paint, Federal Specifications, Executive Committee, Bureau of Standards, Washington.

—O-P-D—

NWLB Votes to Put Virginia in Region 4

OPD Washington Bureau

The National War Labor Board has decided by a vote of 10 to 2, CIO members dissenting, to put the State of Virginia in region 4, with headquarters in Atlanta. Virginia has heretofore been in region 3 with headquarters in Philadelphia.

Washington Talks It Over

Observations • Prognostications • Developments

By OPD Observer

The Department of Agriculture last month announced a program of producing castor beans for seed this year to build up a stockpile of seed for planting an all-out program of producing the beans for oil next year, if the need arises. On its face the announcement was accepted as another routine preparedness program, but actually it was the next to last chapter of quite a controversy within the government over whether we should start now to produce the beans for oil or gamble for another year on our needs being supplied from outside sources.

When discussions of the 1943 program were first started, it was proposed that at least 125,000 acres be sown to the beans to see really what could be done toward putting the country on a self-sustaining basis in producing castor beans for oil. Plant experts were convinced that it could be done. Their surveys showed that in general the beans could be grown satisfactorily in the fertile soils of the cotton and corn belts, although we probably could not achieve the goal of the plant's becoming a perennial as it is in the tropics.

But the good neighbor policy weighed heavily in the discussions. If we produced our needs, what then would become of the Brazilian export market. Also what about Mexico? While not a producer now, Mexico was anxious to start up a castor bean industry, and the beans could reach the United States by rail and not have to traverse the hazardous water route.

Just who the victors in the fight were was disclosed in the final chapter—announcement recently of the CCC agreement to buy the output of Mexico over the next two years. Mexico hopes to ship us 225,000 tons starting some time late this year. In the meantime we will get our needs from Brazil. And domestically we will plant but 10,000 acres for seed purposes only.

OPA Chemicals Changes

In the talk of personnel changes that are taking place in the OPA under its new administration, it is heard that Gus Goldberg, head of the protective coatings unit of the Chemicals Branch, soon may be leaving. Unlike some of the others, however, Mr. Goldberg is not leaving by request. He has been anxious to leave the government to get back into private industry for some time and when the opportunity came he decided to take it. He is expected to make his exit about April 1.

It is also heard that Frank Ketcham, general counsel to the Chemicals Branch, may leave for work in another agency of the government.

Dehydrating Transportation

In one short paragraph, Ray H. Nagel, of the Department of Agriculture, recently summarized the situation that has led the all-out program of research by the department into food dehydration. He said:—

To a considerable extent our effectiveness in this global war is determined by our ability to transport men, munitions, and food to distant places. Transporting the soldier and his munitions is one problem; feeding him is a greater problem so far as shipping is concerned. In a year he will eat about twelve times his weight in foods. Since 80 to 90 percent of the food we eat is water, and since water is plentiful in most places, we can make great savings by removing the water at or near the point where the food is produced and restoring it at or near the place where the food is consumed.

(Let it be noted here that *OPD* spoke in that direction in "Save Tin and Trains," April 13, 1942.)

Simplification Must Pay

WPB has at last come to a definite policy on standardization or simplification of consumer goods. It is that unless such standardization or simplification can show benefits in the way of a substantial saving of critical materials that outweigh the troubles imposed on the industry affected, it is not to be undertaken.

The policy has just been applied in the cast of proposed simplification of setup boxes for cosmetics and toilet goods. Although the industry and WPB officials worked for months in framing an order standardizing these containers, and even though the order did not impose any great burden on the manufacturers or users, WPB's general counsel, John Lord O'Brien, turned thumbs down because the saving was not worth the trouble to which the industry would be put.

The same rule will be applied in all other future orders on standardization.

Congress Cool to Planning

Relegation of the bulky postwar rehabilitation plans of the National Resources Planning Board to the scrapheap by the present session of Congress appears to be almost as certain as death and taxes. Nothing has been heard of the program since the day it was presented several weeks ago by Mr. Roosevelt, and the prevailing view of the members is that the less said about it the better.

Some good can be found in some of the recommendations even by the loudest-speaking critics of the proposal as a whole, but it is as a whole that Congress has looked at the program and found it too loaded down with socialistic concepts to be acceptable. The tide of reform has run out and Congress seems intent upon waiting until after the war before tackling any more "progressive" legislation.

Rubber Puzzles Again

The postwar prospects of the synthetic rubber industry are engaging increasing attention among Washington planners. This is due not alone to the recently expressed views of Vice-President Wallace that he did not think the industry should be supported by a tariff on the natural crude after the war, but also to the efforts being directed toward rebuilding the natural rubber industry of South America and development of the industry for Haiti around the cryptostegia vine.

Much faith is being placed officially in prospects for Brazilian hevea and Haitian cryptostegia in the belief that these rubbers, together with such rubber as may be available after the war from Sumatra, will be available at prices with which the synthetic will be unable to compete. Others in the government who, too, are looking into the future, caution against writing off the fate of the synthetic industry too quickly. Developments in the next year will really point the way to the future of the industry. Improved quality and lower prices for the synthetic one always in prospect, we are reminded.

To Legalize Cooperation

Representative Wright Patman's record as an opponent of the chain stores needs no amplification. Ever since he has been in Congress he has harangued the chains from coast to coast, charging them with illegal and unfair buying practices, and he succeeded in some measure in reducing their power by the Robinson-Patman act.

So it came somewhat as a surprise to see him introduce a bill recently to permit the retail chains to negotiate amongst themselves for the purchase of the merchandise they sell. It was a mistake, however, which he soon discovered when his mail suddenly was flooded with queries asking how come. Result—introduction of a new bill (H. J. Res. 102) saying, in effect, that the first bill was wrong. What was meant was that retailers having not more than nine outlets whose business did not exceed $500,000 last year can negotiate jointly to beat down the wholesaler's prices.

Patent Relief Proposed

Senator Alexander Wiley of Wisconsin is proposing that the life of

—Continued on page 35

Caffeine, Other Fine Chemicals Ceiled

OPD Washington Bureau

The contemplated order of the Office of Price Administration setting dollars and cents ceiling prices on caffeine and other fine chemicals is scheduled for issuance today, it was learned March 26.

Provisions of the regulation which had been the subject of a conference with members of the industry in New York a number of weeks ago have been broadened to include asperin, salicylic acid, ascorbic acid and citric acid. These products, which are now subject to separate price ceilings regulations, are being grouped with the new order for administrative purposes.

Details of the regulation in its final form are now available, but it is understood that among other things it will contain provisions sharply reducing the wholesale markup on sales of the chemicals in large quantities.

—O-P-D—

NWLB Wage Formula For Increases Reaffirmed

OPD Washington Bureau

The policy of the National War Labor Board of denying general wage or salary increases provided for in the labor contract escalator clauses when such increases exceed the board's cost of living formula was reaffirmed in a decision March 24 denying a general 3 cents an hour increase to workers of the White Motor Company of Cleveland.

The issue was raised under a contract with the United Automobile Workers, Local 32, CIO. In denying the increase the board found the approximately 4,000 employees involved had already received general increases of 18.9 percent over their straight-time hourly earnings of January, 1941.

Vice-chairman George W. Taylor, in an opinion, pointed out that under the wage stabilization program the employees had no proper claim for further increases in wage rates as a cost of living adjustment, adding that the escalator clause of the agreement can not serve to provide an increase in wages contrary to wage stabilization program.

—O-P-D—

Copper Sulphate Prices To Be Ceiled by OPA

Prices of copper sulphate charged by distributors and manufacturers for sales in 100-pound lots or more are being cut back to a base price of $5 per hundredweight for 99 percent crystals under a maximum price regulation to be issued in a few days by the Office of Price Administration, it was learned March 26. The regulation is to become effective April 3.

—O-P-D—

Explosives Antitrust Suit Terminated

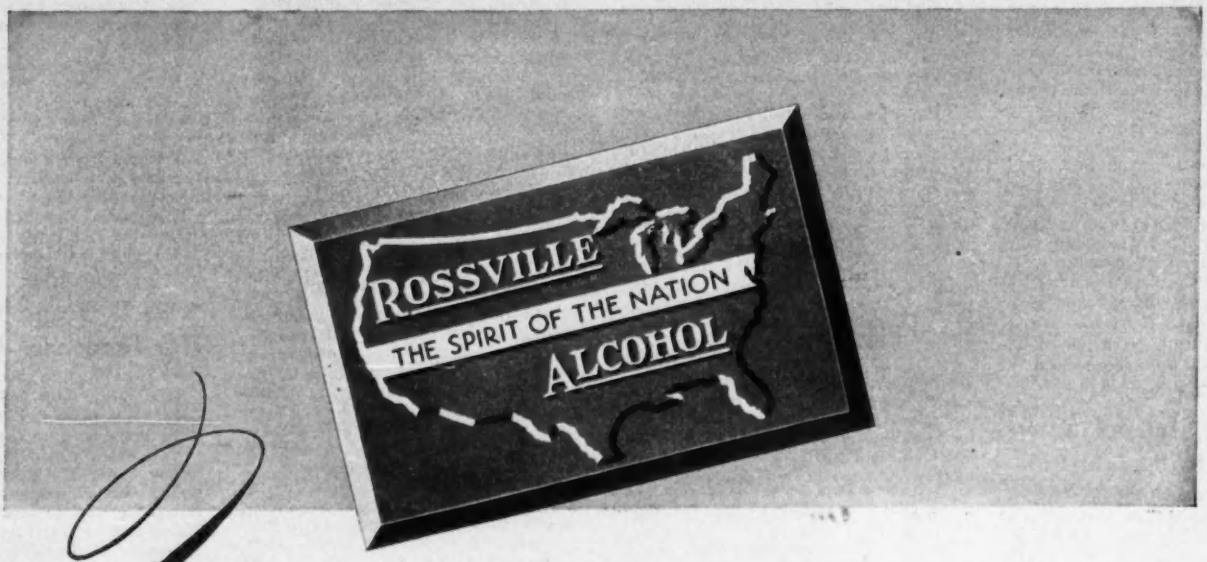
E. I. duPont de Nemours & Co. and the Atlas Powder Company, both of Wilmington, and two sales executives of each and their assistants were fined a total of $16,000 by Federal Judge George A. Welsh in Philadelphia last week on pleas of nolo contendere to charges of conspiring with four other corporations to illegally fixed prices of commercial explosives and blasting supplies.

Maximum fines of $5,000 were imposed on each of the corporations; $2,000 on S. G. Baker, du Pont sales director, and E. Frost, Atlas Powder sales director, and $1,000 on H. W. Hobson, assistant to Mr. Baker, and W. E. Hazeltine, assistant to Mr. Frost.

—O-P-D—

PAW to Speed Appeals On M-68, L-56, L-70

Speeding up of administrative procedure in handling exceptions, appeals or denials under War Production Board conservation orders M-68 and M-68-c, and limitation order L-56 and L-70, all of which affect the petroleum industry, was announced today by Petroleum Administrator for War Harold L. Ickes. All documents or papers which are required to dispose of appeals or exceptions filed under the terms of the above orders will now be issued over the signature of Deputy Petroleum Administrator for War Ralph K. Davies. This applies to pending cases as well as new cases



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Telephone: Lincoln 7121

CINCINNATI
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Telephone: Main 5139

CLEVELAND
1200 W. Ninth St.
Telephone: Cherry 2694

DETROIT
1900 E. Jefferson Ave.
Telephone: Fitzroy 2414

NEW ORLEANS
P. O. Box 1530
Telephone: Uptown 0027

NEW YORK
17 East 42nd Street
Telephone: Vanderbilt 6-1600

PHILADELPHIA
1600 Arch Street
Telephone—Bell: Rittenhouse 5931-32
Keystone: Race 7633

PITTSBURGH
2536 Smallman Street
Telephone: Atlantic 6068

ST. LOUIS
818 Olive Street
Telephone: Chestnut 9656

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110 Sutter Street
Telephone: Exbrook 1611

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Roy A. Ribelin Distributing Co.
1100 Cadiz St.

DENVER, COLO.
Chemical Sales Company
1125 Seventh Avenue

KANSAS CITY, MO.
John T. Kennedy Sales Co.
Southwest Blvd. and 26th St.

LOS ANGELES, CALIF.
Pitts & Loughlin
718 East 60th Street

LOUISVILLE, KY.
Thomas H. Gillessey
1278 Bassett Avenue

PORTLAND, ORE.
Van Waters & Rogers
2133 N. W. York St.

ST. PAUL, MINN.
Worum Chemical Company
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SEATTLE, WASH.
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4000 First Ave., South

SPOKANE, WASH.
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Milton B. Cash
110 Reynolds Bldg.

Alcohol Producers' Corn Needs Studied

OPD Washington Bureau

Problems facing distillers of alcohol resulting from the difficulties of obtaining corn supplies for the second quarter were surveyed by the industrial alcohol producers industry advisory committee at a meeting March 24 with officials of the Chemicals Division of the War Production Board.

Dr. Walter G. Whitman, assistant director of the division told the group that the alcohol section fully understands the crisis threatening alcohol supplies because of the inability of distillers to buy corn in the open market and the decision of the Commodity Credit Corporation to make no contracts for corn after April 1, and said that every effort to relieve the situation was being made.

He pointed out that plans to take care of the huge demands for synthetic rubber in the Fall were based upon a continuously increasing rate of alcohol production, which rate is now endangered. He added that Donald Nelson, chairman of the WPB had asked Secretary of Agriculture Wickard and Economic Stabilization Director Byrnes for cooperation in solving the problem.

—Continued on page 60

—O-P-D—

Fats, Oils Industrial Users Subject to Ration

Industrial consumers of rationed fats and oils who intend using these materials for other than edible purposes, experimental uses, and pharmaceutical preparations for internal use, after March 28, must apply for ration certificates to cover their requirements, the Department of Agriculture has announced. Application should be made directly to the Fats and Oils Branch of the Department's Food Distribution Administration, Washington, D. C.

If an industrial consumer requires less than 400 pounds, or one drum per month, application should be made for a three months' supply. If the requirement exceeds 400 pounds or one drum per month, application should be filed by the tenth of each month for the quantity needed during the following calendar month.

Jobbers and primary distributors of rationed fats and oils must register under the terms of OPA Order No. 16. Also, manufacturers of pharma-

—Continued on page 41

—O-P-D—

Enriched Flour Standards Hearing Set

OPD Washington Bureau

Hearings will be held April 19 under the Federal food, drug and cosmetic act on definitions and standards of identity for enriched flour, enriched bromated flour, enriched selfrising flour, and enriched farina, and on the use of certain vitamins and minerals in enriched bread, rolls and buns.

At the same time it was announced that previous orders requiring that riboflavin be an ingredient of enriched flour, enriched bromated flour, enriched selfrising flour, and enriched farina, have been postponed because of the short supply until a final order is issued on the record of the April 19 hearing.

Among specific suggestions to be considered at the hearing is this one:—

That definitions and standards of identity be prescribed for enriched bread and enriched rolls or buns which provide for the use of vitamin B_1, niacin, riboflavin, iron, calcium, and vitamin D, with minimum and maximum limits therefor.

—O-P-D—

CCC May Sell Corn Above Ceiling for Certain Uses

OPD Washington Bureau

The Commodity Credit Corporation may sell its corn holdings at prices above the ceilings if the corn sold is to be used for purposes other than feeding or for the manufacture of ethyl or butyl alcohol, acetone or rubber, the Office of Price Administration announced March 24. However, such sales may not be made at figures more than 10 percent higher than the lowest prices permitted by act of Congress, parity.

Fats, Oils Control Tightened By Department of Agriculture

OPD Washington Bureau

Food distribution orders 31 to 39, inclusive, transfers authority over principal fats and oils from the War Production Board to the Department of Agriculture. The orders, effective March 24, contain the principal provisions of the WPB orders they replace. Several of them, however, make specific changes. The Fats and Oils Branch of the Food Distribution Administration of the Department will administer the several orders. The orders and their designations are as follows:—

New	Old	Restrictions on—
FDO-31	M-238	Use, processing, consumption, and delivery of oiticica oil.
FDO-32	M-235	Use and distribution of castor oil.
FDO-33	M-193	Glycerin recovery.
FDO-34	M- 58	Use, processing, and delivery of glycerin.
FDO-35	M- 77	Use and distribution of rapeseed and mustard seed oils.
FDO-36	M- 66	Use and delivery of cashew nut shell liquid.
FDO-37	M- 40	Use, processing, and delivery of sperm oil.
FDO-38	M- 59	Use, consumption, processing, sale, and delivery of palm oil.
FDO-39	M- 57	Use, processing, consumption, and delivery of tung oil.

Oiticica Oil

FDO No. 31 superseding WPB order M-238 places Cacahuananche oil and laceta oil, which are produced from Mexican tree nuts, under the same allocation control as oiticica nut oil. Previous order M-238 covered only oiticica oil, which is imported from Brazil and is scarce because of the almost complete failure of the Brazilian crop. Cacahuananche and laceta oils are similar to oiticica oil, in that they are fast-drying. Under the order, special authorization must be obtained from the Director of Food Distribution to process, deliver, or use the oils.

Applications for authority to use, process, deliver or accept delivery of oiticica, cacahuananche, and laceta oils may be made hereafter on WPB form PD-600 and filed with the Director of Food Distribution, Department of Agriculture, Washington.

Castor Oil

The major change in the new order FDO No. 32 from WPB order M-235, which it replaces, is to require industrial consumers to obtain specific authorization month to month to accept delivery or to use castor oil. The new order also makes it necessary to obtain authorization to use, process, or blend castor oil during any calendar month.

In another change, the order permits use of up to 40 pounds a month without authorization, but requires producers to obtain prior approval to deliver a specified maximum quantity of castor oil each month to these small users. Producers also must obtain approval to deliver a stated maximum quantity of castor oil to be used for medicinal purposes.

Applications for authorization to deliver, accept delivery, use, process, or blend castor oil may be made hereafter on WPB form PD-600 filed with the Director of Food Distribution, Department of Agriculture, Washington.

Glycerin

FDO No. 33, replacing WPB order M-193, affecting soap and glycerin refining industries, reduces the permitted glycerin content of popular soaps to 4/5 of 1 percent.

Under the previous order, soapmakers were permitted to leave as much as 1 percent of glycerin (glycerol) in most soap, and manufacturers of liquid, potash, cold-made, and half-boiled soaps were permitted to leave as much as 2.75 percent of glycerol in the finished product.

Other provisions of the order also are to encourage maximum production of glycerin. In addition to limiting the glycerin content of soap to 0.8 percent or less, the soap maker must recover not less than 92 percent of the glycerol content of the spent lye. In the fat splitting process (to break fats and oils into glycerin and fatty acids for industrial use), not less than 94 percent of the glycerin must be recovered. Refiners of crude glycerin are required to recover not less than 96 percent of the glycerol content.

Glycerin Allocation

FDO No. 34 replacing WPB order M-58 requires that authorization must be obtained from the Director of Food Distribution to use more than 50 pounds of glycerin in any calendar month although hospitals, clinics and others may obtain or use for medical and drug purposes up to 1,150 pounds monthly without special authorization.

The increasing need for glycerin for a variety of military products and the reduction in use of imported vegetable oils in soap production, which yield glycerin as a by-product make it necessary to extend controls and conservation measures. The principal provisions of order M-58 are continued in the FDO No. 34 including the ban on the use of glycerin in antifreeze fluids. The order will be administered by the Food Distribution Administration, which will receive reports and applications for authorization and make allocations required by the order.

Rapeseed, Mustard Oils

The re-issued order, FDO No. 35, brings mustard seed oil under direct control for the first time and makes it necessary to obtain direct authorization for delivery, as well as processing and use, of either mustard seed or rapeseed oil. The previous order required authorization only for the use or processing or rapeseed oil.

No authorization will be required for persons using or processing 40 pounds or less of these oils in a month. This exemption was raised from 35 pounds to conform to the trade practice of selling in units of 5 gallons, which weigh about 40 pounds.

Mustard seed and rapeseed oils are interchangeable in a number of direct military uses, including lubricating oils for marine engines, rubber substitutes, and electrical insulation. Japan was the principal source of rapeseed oil before the war, but supplies are now coming from Argentina. Mustard seed is produced in the United States.

The Food Distribution Administration will administer the revised order. Applications for authority to use, accept delivery, and process rapeseed and mustard seed oils may be filed on WPB form PD-600 with the Director of Food Distribution, United States Department of Agriculture, Washington.

Cashew Nut Shell

No major change is made in the restrictions governing the use and delivery of cashew nut shell liquid, in FDO No. 36, to replace WPB order M-66.

Except for certain permitted uses, the order requires prior authorization by the Director of Food Distribution for any delivery, acceptance of delivery, or use, of the liquid. No specific authorization is required when the liquid is to be used in the manufacture of brake linings and other friction elements ordered under contract by the Army, Navy, Coast Guard, or Maritime Commission.

The oil also may be used without authorization to fill orders with an A-2 or better preference rating for molding resins, for insulating aviation electrical parts, or for resin solutions for impregnating electrical coils.

Application for authority to use, deliver, or accept delivery of the liquid may be filed on WPB form PD-271 and addressed to: Director of Food Distribution, U. S. Department of Agriculture, Washington, D. C.

Sperm Oil

The order, FDO No. 37 superseding WPB order M-40, continues the same restrictions on the use, processing, and delivery of sperm oil. It also adds the provision that persons making deliveries of sperm oil to the Army, Navy, Coast Guard, Maritime Commission, or War Shipping Administra-

—Continued on page 41

C.C. Davis Named Food Administrator

OPD Washington Bureau

An Administration of Food Production and Distribution in the Department of Agriculture was created by an Executive Order signed by President Roosevelt March 25. Chester C. Davis, president of the Federal Reserve Bank of St. Louis was named as administrator.

Mr. Davis will have charge of the food production and distribution activities of the department, including the Agricultural Adjustment Administration, the food distribution activities that were transferred to the Department of Agriculture by the War Production Board last December, and the recruitment of farm labor, transferred to the department by the War Manpower Commission.

By the order, Mr. Davis will serve in the Department of Agriculture headed by Secretary Claude Wickard, who, an announcement said, will retain control of "the activities of the department as it existed prior to its expansion a few years ago," including research forestry and the Farm Credit Administration.

—O-P-D—

Chemurgic Conference Discusses Drugs, Spices

Chicago, Mar. 25, 1943

Drug plants and spices had a large part in the discussions of new crops for war and peace in the ninth annual Chemurgic Conference of Agriculture, Industry, and Science here today. Some of the discussions were general in scope; others had to do with particular plants.

In a commentary on drug plants, Dr. Alex Laurie, of Ohio State University, told of the Federal project established at the Ohio agricultural experiment station in cooperation with the university's colleges of pharmacy and veterinary medicine. This was devoted chiefly to cultivation of belladonna, and the work was reviewed by Dr. Laurie (an earlier commentary on belladonna cultivation, by Dr. Laurie, was summarized in *OPD* last week.)

A general study of domestic growing of spices and other aromatics was presented by John A. Sokol, president of Sokol & Co., Chicago, who is chairman of a special committee of the American Spice Trade Association on production of such plant products in the Western Hemisphere. Characterizing all domestic-grown aromatic plants as of very good quality, Mr. Sokol referred particularly to domestic cultivation of mustard seed, paprika, sage, marjoram, thyme, basil, coriander, caraway, poppyseed, and dill.

The assistance offered by Federal and State agricultural bureaus and stations was noted by Mr. Sokol, and it was his opinion that through their

—Continued on page 64

—O-P-D—

Liming Materials Ceiling Prices Under Study

OPD Washington Bureau

A representative group of agricultural liming materials producers, dealers, and trade association men met in Washington, recently, with officials of the Office of Price Administration to discuss a forthcoming regulation establishing nation-wide maximum prices for both producers and retailers of those products. All phases of production costs, bagging methods of sale, and delivery problems were discussed.

OPA emphasized that the meeting was designed to obtain the views of the industry and that no final decision was reached on ceiling prices or details of the pending regulation which probably will be issued within the next ten days. Full consideration of the recommendations received from attending representatives of the industry is being given by OPA.

—O-P-D—

Food Technologists To Meet in St. Louis

The annual conference of the Institute of Food Technologists will be held in Hotel Statler, St. Louis, June 2 to 4. All sessions will be related to the problem of food processing during the war effort. On the evening of June 2 the Nicholas Appert Medal Award will be made.

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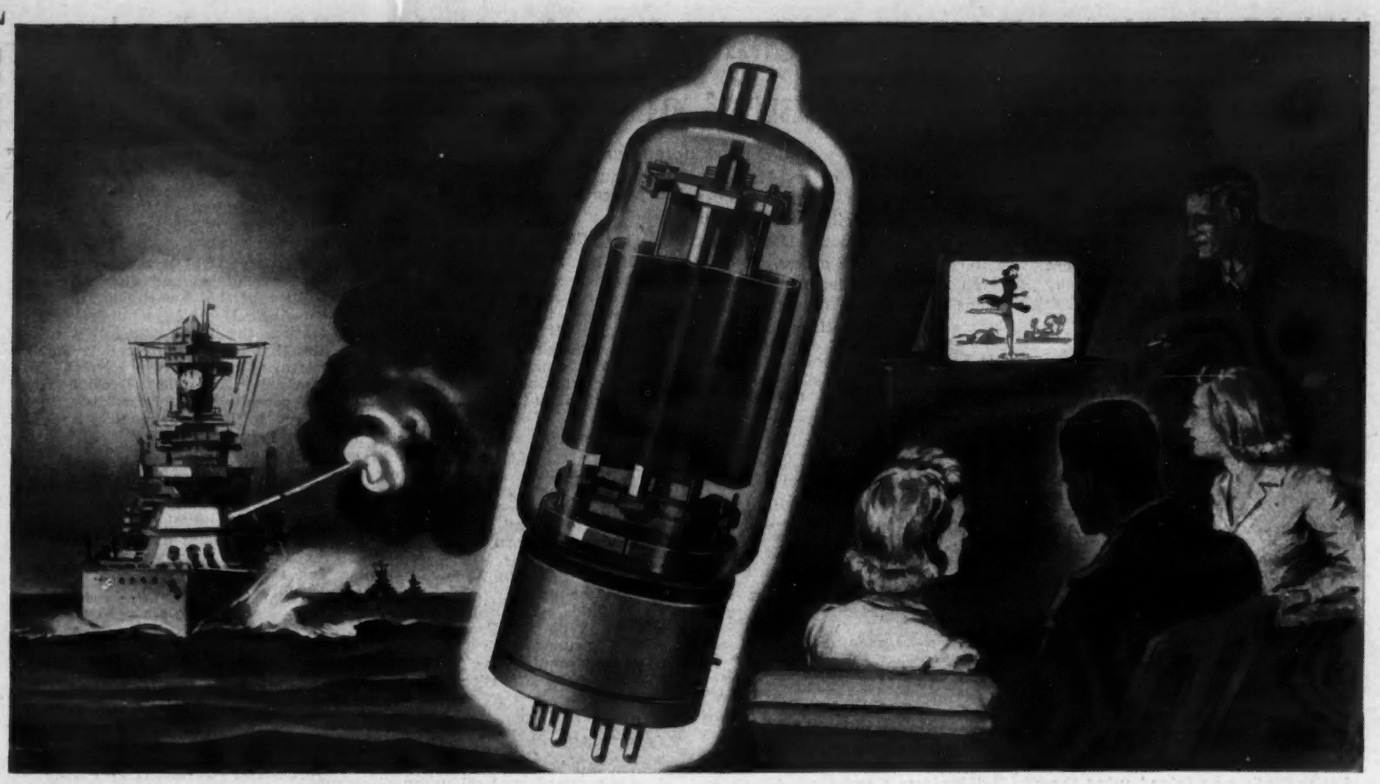
OPD—3-29-1943



Electronics creates a wonder world!

How Chemical Purity contributes to this new miracle of science

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It will invade industry in all its aspects, save energy, save time, save money, protect life and property.

Baker is playing its part in contributing chemicals of extraordinary purity to make possible the coating of the filament used in the electron tube. Here, *purity is demanded* — so that transmission of electronic power may not be impeded.

This is only one of the many instances where *purity,* as exemplified by Baker Chemicals, has increased efficiency in today's forward march of industry.

Baker's Chemicals (purity by the ton) have been supplied to many manufacturing concerns for the manufacture or processing of many products.

If you have special chemical requirements for war-production products, we invite you to discuss your needs in confidence with Baker.

J. T. Baker Chemical Co., Executive Office and Plant: Phillipsburg, N. J.
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Baker's

INDUSTRIAL CHEMICALS

Current Market Quotations Chemicals and Related Materials

March 26, 1943

Unless otherwise indicated, quotations are first-hands on large lots, f.o.b. New York. Price changes and trends are noted in the market reports, with other informative comment. The locations of these reports are given in the table of contents on page 4.

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A

Acacia (see Gum, arabic).

Acetaldehyde, 99%, dms., 55 and 110 gls., works..lb. .11 - —
5 and 10 gls., works.....lb. .14 - —

Acetaldol (see Aldol).

Acetamide, CP, fib. dms., 5,000 lbs. a year, works..lb. .36 - —
200-lb. lots, works.....lb. .38 - —
100-lb. lots, works.....lb. .50 - —
5 to 50-lb. lots, works....lb. .70 - —
tech., fib. dms., 5,000 lbs. a year, works..lb. .28 - —
500-lb. lots, works.....lb. .30 - —
100-lb. lots, works.....lb. .45 - —
5 to 50-lb. lots, works....lb. .60 - —

Acetanilide, tech., cryst., bbls.lb. .29 - .31
powd., bbls. .....lb. .27 - .29
USP, cryst., bbls., 2,000 lbs..lb. .36 - —
smaller lots .....lb. .37 - —
dms., 25-lb. lots.....lb. .42 - —
kgs., 2,000-lb. lots.....lb. .37 - —
smaller lots .....lb. .38 - —
powd., bbls., 2,000-lb. lots..lb. .34 - —
smaller lots .....lb. .35 - —
dms., 25-lb. lots.....lb. .40 - —
kgs., 2,000-lb. lots.....lb. .35 - —

Acetoacetanilide, bbls., fib. dms., 75-lb. lots..lb. .49 - —
smaller lots .....lb. .67 - —

Acetone, CP,[1] dms., c.l., divd. E.* lb. .06½- —
l.c.l., divd. .....lb. .09 - —
tanks, divd. .....lb. .07 - —

* OPA ceiling for Eastern territory (the State of New Mexico, Colorado, Wyoming, Montana and all States east thereof); ceilings ½c. per lb. higher for Western territory (all other States of the United States).

Acetonitrile, dms., c.l., works..lb. .75 - —
10-dm. lots, same basis....lb. .90 - —
5-dm. lots, same basis....lb. 1.00 - —
5-gal. lots, same basis....lb. 1.25 - —
less than 5-gal. lots, same basis..lb. 1.50 - —

Methyl (see M).

Acetophenetidin, bbls., kgs., 1,000 lbs..lb. 1.00 - —
dms., 50 lbs. .....lb. 1.06 - —
25 lbs. .....lb. 1.10 - —

Acetophenone, cns., dms.....lb. 1.55 - 1.60

Acetyl chloride, cbys., works..lb. .60 - —

Acid, abietic, dms., c.l., f.o.b. all points in U. S. E. of and including Kans., Neb., N. D., Okla., S.D., Tex. E. of Austin and Brownsville..lb. .09½- —

Acetic,[1] com'l or redist., 28%, bbls..100 lbs. 3.38 - 3.62
50%, bbls. .....100 lbs. 5.56 - 5.83
70%, bbls. .....100 lbs. 6.66 - 6.96
80%, bbls. .....100 lbs. 7.47 - 7.72
glacial, nat., CP, cbys.100 lbs.12.50 -12.75
99.5%, bbls. .....100 lbs. 9.15 - 9.40
tanks, works.....100 lbs. 6.91 - —
USP, cbys.....100 lbs.11.70 - —
synth., CP, dms., works, 100 lbs.12.50 -12.50
99.5%, bbls., works.100 lbs. 9.15 - 9.40
dms., works.....100 lbs. 9.35 - 9.75
tanks, works.....100 lbs. 6.25 - 6.90
USP XII, dms., works, 100 lbs.10.80 -11.00
pure, 30%, bbls.....100 lbs. 4.44 - 4.69
36%, bbls. .....100 lbs. 4.86 - 5.11
60%, bbls. .....100 lbs. 7.00 - 7.35
80%, bbls.....100 lbs. 9.36 - 9.81

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply delivered within the Metropolitan zones unless otherwise indicated. Carboys and cases are 50c. per 100 lbs. higher.

Acetic, anhydride,[6] dms., c.l., frt. alld..lb. .11½- —
l.c.l., dms., frt. alld.....lb. .13 - —

Acetylsalicylic,[1] producers, primary jobbers, special, USP, 200-lb. bbls., f.o.b. shipment points*..lb. .45 - —
100-lb. kgs., same basis..lb. .45 - —
25-lb. dms., same basis..lb. .46 - —
5-lb. ctns., same basis...lb. .59 - —
†1-lb. ctns., same basis...lb. .61 - —

Standard USP, fine cryst., gran. (20-40 mesh), powd. (60 mesh), 200-lb. bbls., same basis..lb. .40 - —
100-lb. kgs., same basis..lb. .40 - —
25-lb. dms., same basis....lb. .41 - —
5-lb. ctns., same basis....lb. .54 - —
†1-lb. ctns., same basis....lb. .56 - —

*Freight equaled, shipment identical quantity, over standard routes, from N. Y. City, Phila., Midland, Mich.; Chicago, and St. Louis.

† 3c. per lb. may be added for acid packaged in canisters, and 5c. per lb. when packaged in 1-lb. bots.

Adipic, fib. dms., works....lb. .21 - —
Anthranilic, resub., bbls....lb. 1.20 - 1.25
tech., bbls. .....lb. .06 - —
Arsenous[6] tech. (see Arsenic, White).
USP, powd., dms., kegs..lb. .20 - .22
Ascorbic,[1,6] 1,000-ozs., dms..oz. 1.00 - —
500-oz. lots, dms.....oz. 1.01 - —
100-oz. lots, bots.....oz. 1.01 - —
50-oz. lots, bots.....oz. 1.04 - —
25-oz. lots, bots.....oz. 1.07 - —
Battery, cbys., c.l., E. works. 100 lbs. 1.60 - —
10-25, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.65 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. up..lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60

Acid, boric,[2] tech., 99.5% cryst. (same as prices for powder), gran., bgs., c.l., frt. alld., ton.99.00 - —
ton lots, ex whse....ton.111.00 - —
less than ton lots, ex whse..ton.116.00 - —
bbls., c.l., frt. alld....ton.109.00 - —
ton lots, ex whse....ton.121.00 - —
less than ton lots, ex whse..ton.126.00 - —
bulk, frt. alld.....ton.95.50 - —
powd., bgs., c.l., frt. alld., ton.104.00 - —
ton lots, ex whse....ton.116.00 - —
less than ton lots, ex whse..ton.121.00 - —
bbls., c.l., frt. alld....ton.114.00 - —
ton lots, ex whse....ton.126.00 - —
less than ton lots, ex whse..ton.131.00 - —
USP $25 per ton higher.

Butyric, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —

Broenner's, bbls.....lb. 1.11 - —

Cacodylic, 5-lb. bots.....lb.22.00 - —

Camphoric, cns.....lb. 6.95 - 7.00

Capric, dms.....lb. .21½ Nom.

Caprylic, dms.....lb. .27 - .27½

Castor oil,[6] split, dms.....lb. .20¾- .21¼

Chlorosulphonic, dms., c.l., wks., lb. .03 - —
5-dm. lots, works.....lb. .03½- —
single dms.....lb. .04½- —
tanks, works.....lb. .02½- —

Chromic,[2,6] 99½-99¾%, dms., c.l., div.d N.Y..lb. .16½- —
l.c.l., 5 tons, divd. N.Y...lb. .16¾- —
smaller lots, divd. N.Y..lb. .17¼- .18¼

Cinnamic, refd., bots.....lb. 3.50 - Nom.

Citric,[1] crys., gran., bbl., c.l., lb. .20 - —
10,000 lbs., one ship't....lb. .20½- —
200-10,000 lbs.....lb. .21 - —
100 lbs., dms. or kgs...lb. .21½- —
50 lbs., dms. or ctns...lb. .23 - —
25 lbs., dms. or ctns...lb. .24 - —
5 lbs., in 5-lb. cont....lb. .29 - —
anhyd., gran., dms., c.l..lb. .22½- —
10,000 lbs., one ship't..lb. .23 - —
smaller lots.....lb. .23½- .26½

Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices arre f.o.b. N. Y., Chicago and St. Louis deliveries are ½c. higher than N. Y.

Cleve's, bbls.....lb. .65 - —
Coconut oil,[6] dist., dms....lb. .12½ Nom.
Cottonseed oil,[6] dist., dms...lb. .14 - .14½
tanks .....lb. .13½- —
Cresylic (coaltar),[6] high-boil 50% (210°-215°), low boil (50%, 204°-206°), and special blends, dms., c.l., works, frt. equald..gal. .81 - —
l.c.l., same basis.gal. .83 - —
tanks .....gal. .75 - —

Diethylbarbituric (see Barbital).

Formic, dom., 90%, cbys., c.l., works..lb. .10½- —
l.c.l., 25 cbys. up.....lb. .11 - —
1-24 cbys.....lb. .11½- —

Fumaric, tech., ton lots, bbls..lb. .27 - —
smaller lots, bbls., dms..lb. .28 - .31

Gallic, NF VII, bbls., 20 lbs., 5 or more..lb. 1.27 - —
less than 5.....lb. 1.30 - —
fib. dms., 25 lbs.....lb. 1.34 - —
technical, bbls.....lb. 1.05 - 1.13

Gamma, bbls.....lb. .85 - —

Gluconic, bbls., 500 lbs.....lb. .12 - —
100 lb. kgs.....lb. .15 - —
50-lb. dmjn.....lb. .21 - —
25-lb. dmjn.....lb. .28 - —
5 lb. bots.....lb. .29 - —

H, bbls.....lb. .45 - —

Hydriodic, 45-47%, cbys.....lb. 2.42 - 2.44
5-lb. bots.....lb. 2.57 - —
57%, bots.....lb. 2.90 - —

Hydrobromic, dil., 10%, cbys..lb. .20 - —
concentrated, 34%, cbys....lb. .25 - —

Hydrochloric (see Muriatic).

Hydrocyanic, cyls., works...lb. .80 - 1.00

Hydrofluoric, 30%, lead cbys., frt. alld..lb. .09 - —
rubber dms., same basis..lb. .08 - —
wooden bbls., same basis.lb. .06 - —
48%, lead cbys., same basis..lb. .12 - —
rubber dms., same basis..lb. .11 - —
52%, lead cbys., same basis..lb. .13 - —
rubber dms., same basis..lb. .12 - —
60%, lead cbys., same basis..lb. .14 - .16½
rubber dms., same basis..lb. .13 - .16½
steel dms., same basis...lb. .13 - —

Hydrofluosilicic, 30-32%, bbls..lb. .09 - .09

Hypophosphorous, USP, 30%, djms..lb. .75 - .80

Lactic, edible, 50%, cbys., 20 or more..lb. .12½- —
5 to 19.....lb. .13 - —
1 to 4.....lb. .13½- —
80%, bbls., cbys., 5 or more, lb. .24½- —
1 to 4.....lb. .24¾- —
plastic grade, bbls., cbys., 20 or more..lb. .14½- —
5 to 19 cbys.....lb. .14¾- —
1 to 4 cbys.....lb. .15¼- —
tech., dark, 22%, bbls., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.15 - —
cbys., works.....100 lbs. 4.15 - —
44%, bbls., c.l., works, 100 lbs. 6.30 - —
l.c.l., bbls., works, 100 lbs. 6.55 - —
cbys., works.....100 lbs. 7.55 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.90 - —
l.c.l., works.....100 lbs. 4.15 - —
cbys., works.....100 lbs. 5.15 - —
44%, bbls., c.l., works, 100 lbs. 7.30 - —
l.c.l., works.....100 lbs. 7.55 - —
cbys., works.....100 lbs. 8.55 - —

USP XI, 85%, cbys.....lb. .54 - .57

USP VIII, 75%, cbys.....lb. .52 - .55

Lauric, dist., tech, dms.....lb. .20 Nom.

Laurent's, bbls.....lb. .45 - —

Linseed oil,[6] light, dms.....lb. .21¼- .21¾

Acid, maleic, powd., dms.....lb. .30 - —
anhydride, dms., c.l.....lb. .25 - —
l.c.l. .....lb. .26 - —

Malic, powd., kgs.....lb. .47 - —

Mandelic, dms., 1,000 lbs....lb. 2.05 - —
smaller lots.....lb. 2.10 - 2.30

Mixed, tanks, nitric unit....lb. .05 - .06
sulphuric unit.....lb. .0085- .009

Molybdic, kgs., works.....lb. .95 - 1.10

Monochloroacetic, tech., bbls.lb. .17 - —
purified, bbls.....lb. .20 - —

Monosulphonic, bbls..... lb. 1.50 - —

Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works...100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works.... 100 lbs. 1.75 - —
22°, cbys., c.l., E. works.... 100 lbs. 2.25 - —
CP, dealer, cbys.....lb. .06½- —
6-lb. bots.....lb. .17½- —
consumers, cbys.....lb. .06 - —
6-lb. bots.....lb. .19 - —

Myristic, dist., dms.....lb. .19 - .19¼

Naphthenic,[6] 220 - 230 acidity, dms., c.l., works..lb. .13 - .14
l.c.l., works.....lb. .13 - .15
tanks, works.....lb. .10 - .13
235-245 acidity, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .15 - —
tanks, c.l., works.....lb. .13 - —

Nicotinic, 1,000-lb. lots, dms.lb. 5.00 - —
100-lb. fib. dms.....lb. 5.15 - —
50-lb. fib. dms.....lb. 5.25 - —
25-lb. fib. dms.....lb. 5.50 - —
5-lb. tins.....lb. 5.40 - —
1-lb. bots.....lb. 5.50 - —

Nicotinic, amide (see Nicotinamide).

Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.35 - —
1 to 9, works...100 lbs. 5.95 - —
38°, cbys., c.l., E. works.... 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
42°, cbys., c.l., E. works.... 100 lbs. 6.50 - —
CP, USP, dealers, cbys.....lb. .11½- —
7-lb. bots.....lb. .21½- —
consumers, cbys.....lb. .13 - —
7-lb. lots.....lb. .23 - —

Oleic (see Oil, red).

Oleum (see Sulphuric fuming).

Oxalic,[1] bbls., c.l., works....lb. .11½- —
10,000 lbs. or over....lb. .11¾- —
smaller quantities....lb. .12¾- —

Palm oil,[6] white dist., dms..lb. .13 - .13¼
tanks .....lb. .12½- —

Paraminebenzoic, cns.....lb. 1.40 - —

Paranitrobenzoic, cns.....lb. .72 - —

Phenylacetic, bots.....lb. 1.85 - 2.00

Phosphoric, pure food grade, 50%, c.l., bbls., works, frt. equald..100 lbs. 4.00 - 4.25
cbys., works, frt. equald., 100 lbs. 4.35 - 4.60
l.c.l., 10 or more, works, frt. alld..100 lbs. 5.25 - 6.25
1 to 9 cbys., works, frt. alld..100 lbs. 6.25- 7.25
tankwagon, divd. N. Y., Phila., Met. area..100 lbs. 4.00 - —
75%, c.l., bbls., works, frt. equald..100 lbs. 4.75 - 5.00
cbys., works, frt. equaid., 100 lbs. 5.10 - 5.25
l.c.l., 10 or more, works, frt. alld..100 lbs. 7.00 - 8.50
1 to 9 cbys., works, frt. alld..100 lbs. 8.00 - 9.50
tankcars, works, frt. equald., 100 lbs. 4.00 - 4.25
tankwagons, divd. N. Y., Phila., Met. area..100 lbs. 4.75 - —

USP, 100-lb. cbys., c.l.....lb. .10½- —
10 cbys., to c.l.....lb. .11½- —
2 to 9 cbys.....lb. .12 - —
single cbys.....lb. .13 - —
70-lb. cbys.....lb. .10¼- —
25 cbys., to c.l.....lb. .11¼- —
5 to 24 cbys.....lb. .12 - —
1 to 4 cbys.....lb. .13 - —
10% dilut., cbys., djms..lb. .07 - .07¼

Picramic, kgs.....lb. .65 - .70

Picric, bbls.....lb. .35 - —

Propionic, synth., pure, 55-gal. dms., returnable, works..lb. .15 - —
tanks, works.....lb. .14 - —

Pyrogallic, tech., bbls.....lb. 1.45 - —
cns. .....lb. 1.65 - —
USP, cryst., dms.....lb. 2.10 - 2.15
resub., dms.....lb. 2.60 - 2.65

Pyreligneous, bbls., divd. E.gal. .25 - —

Ricinoleic, com'l, split (see Acid, castor oil, split).
tech., dms., works.....lb. .32 - .37

Salicylic,[1] tech., bbls.....lb. .33 - —
USP, bbls.....lb. .35 - .40

Sebacic, tech., bbls., works..lb. .65 - .69

Soybean oil,[6] dist., dms.....lb. .17¾- .18½

Stearic,[6] double-press., bgs..lb. .15 - .16
single pressed, bgs.....lb. .14½- .15½
triple pressed, bbls.....lb. .18 - .19

Succinic, bbls.....lb. .75 - —

Sulphanilic, CP, bots., works.lb. 1.60 - 1.65
tech., dms., works.....lb. .17 - —

Sulphuric,[6] 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 up, works..100 lbs. 1.50 - —
10 to 24, works...100 lbs. 1.60 - —
1 to 9, works...100 lbs. 2.20 - —
tanks, E. works.....ton.12.00 - —
66°, cbys., c.l., E. works.100 lbs. 1.50 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
CP, USP, dealers, cbys.....lb. .06½- —
9-lb. bots.....lb. .15¾- —
consumers, cbys.....lb. .08 - —
9-lb. bots.....lb. .17 - —
fuming, 20%, tanks, E. works, †on.19.50 - —

Tannic,[6] tech., bbls., dms...lb. .71 - .73
USP, fluffy, bbls., 1,000 lbs.lb. 1.33 - —
100-lb. lots.....lb. 1.35 - —
25-lb. lots.....lb. 1.38 - —
powd., bbls., 1,000 lbs....lb. 1.13 - —
smaller lots.....lb. 1.15 - —

Tartaric, USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one ship't.lb. .70½- —
smaller quantities....lb. .71 - —
kgs. .....lb. .71½- —

Tobias, bbls.....lb. .55 - .60

Trichloroacetic, bots.....lb. 2.00 - 2.50

Tungstic,[6] CP, 100-lb. pkgs..lb. 2.94 - 3.10
pure, 100-lb. pkgs.....lb. 2.94 - —

Aconite leaves, bls.....lb. 1.40 - 1.45
Root, bls. .....lb. 1.34 - 1.60

Aconitine, amorph., bots.....oz.32.00 -35.00
15-gr. vials.....vial. 1.00 - —
cryst., bots. .....oz.42.00 -45.00
15-gr. vials .....vial. 1.00 - —

Acrylonitrile,[6] dms., frt. alld..lb. .39½- —
5,000 lbs. or more, works..lb. .40 - —
1 ton to 4,999 lbs., works..lb. .40½- —
1 dm. to 1 ton, works.....lb. .41 - —
tankcars, frt. alld.....lb. .39 - —

Adeps lanae,[1] USP, anh., dms.lb. .30 - .32
hyd., dms.....lb. .29 - .33

Agar,[5] dom.....lb. 3.50 - —
San Diego, Cal.....lb. 3.00 - —

Agaric, white, bls.....lb. 3.75 - 4.00

Albumen, blood, dms., Chi...lb. .68 - .70
soluble, dried (see Blood, soluble).
Egg, ed., dom., cryst., bbls..lb. 1.75 - 1.76
powd., dom., bbls.....lb. 1.81 - 1.86
tech., cryst., bbls.....lb. 1.60 - 1.65

Alcohol, amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., frt. alld. E. of Miss. R...lb. .141 - —
l.c.l., frt. alld.....lb. .151 - —
tanks, frt. alld.....lb. .131 - —
tertiary, refd., dms., l.c.l., frt. alld. E. of Miss. R..lb. .09 - —

Benzyl, cns.....lb. .65 - .75
dms. .....lb. .63 - —

Butyl, normal,[1,6] dms., c.l., frt. alld., *East..lb. .11¾- .13¼
l.c.l., frt. alld.....lb. .12¼- .15¾
tanks, frt. alld.....lb. .10¾- .14½

* The term 'Eastern' territory means the States of New Mexico, Colorado, Wyoming, Montana and all States east thereof, and the term 'Western' territory means all other States of the United States.

secondary,[6] dms., c.l., frt. paid E. of Miss..lb. .001 - —
l.c.l., same terms.....lb. .096 - —
tanks, same terms.....lb. .08½- —
tertiary, denat., c.l., dms..lb. .12½- —
l.c.l., dms.....lb. .13 - —
tanks .....lb. .11 - —

Cetyl, dom., CP, fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs.....lb. 1.70 - —
100 lbs.....lb. 1.80 - —
25 lbs.....lb. 1.90 - —
5 lbs.....lb. 2.00 - —

Cinnamic, bots.....lb. 3.00 - —

Denatured,[1,3,6] CD14, dms., c.l., divd. E..gal. .54½- —
19 dms., wks., E.....gal. .56½- —
1 to 18 dms., wks., E..gal. .59½- —
CD14, tanks, E., divd.....lb. .50 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

SD1, 190 pf., bbls., c.l., E. works..gal. .62 - —
19 bbls., E. works...gal. .64 - —
1 to 18 bbls., E. works. gal. .67 - —
tanks, E. works.....gal. .60 - —
Anhydrous 3c. per gal. higher.
SD2B, bbls., c.l., wks, E.gal. .60 - —
19 bbls., works, E..gal. .62 - —
1 to 18 bbls., works, E. gal. .65 - —
tanks, E. works.....gal. .48 - —
CD23G (replaced by SD23H).
SD23H, works, c.l., bbls....gal. .61½- —
19 bbls.....gal. .63½- —
1 to 18 bbls.....gal. .66½- —
tanks, E. works.....gal. .49½- —
SD29, denatured, with acetaldehyde, bbls., c.l., E. wks..gal. .63½- —
l.c.l., 19 or more, E. works..gal. .66 - —
1 to 18, E. works...gal. .69 - —
Tanks, E. works.....gal. .50½- —

When any of the several SD29 denaturants is supplied by the purchaser, the prices are the same as those for SD2B, plus 1½c. per gal. denaturing charge.

Special solvent, dms., c.l., wks. gal. .55½- —
19 dms., to c.l.....gal. .57½- —
1 to 18 dms.....gal. .60½- —
tanks, E. works.....gal. .51 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, acetone-free, dms., c.l., divd..lb. .11¼- .14½
l.c.l., divd.....lb. .11¾- .15
tanks, divd.....lb. .10½- .13½
tech., dms., c.l., divd.....lb. .11 - .15½
l.c.l., divd.....lb. .11¼- .16
tanks, divd.....lb. .10 - .13½

Ethyl,[1] 190 pf., dms., c.l..gal.11.04½- —
19 dms.....gal.11.98 - —
1 to 18 dms.....gal.12.01 - —
tanks .....gal.11.90 - —
absolute, dms., c.l.....gal.11.90 - —
19 dms.....gal.12.89½- —
1 to 18 dms.....gal.12.66 - —

Grain alcohol is 10c. per gallon more than the above prices on molasses alcohol.

Ethylhexl, dms., c.l., works.lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .22 - —

Furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., 53,000 lbs., works, lb. .23½- —
l.c.l., 800 lbs. up, wks..lb. .25 - .26
tanks, wks.....lb. .20 - —

Isoamyl (see Carbinol Isobutyl).

Isobutyl,[6] refd., dms., works.lb. .0660- —
tanks, same basis.....lb. .0760- —

Isopropyl,[3,6] refd., 91%, dms., 5 gals., f.o.b. dest..gal. .66½- —
55 gals., c.l., same basis, gal. .59 - —
l.c.l., same basis...gal. .45½- —
tanks, frt. alld.....gal. .34 - —

Wartime Status of Materials

Applications of WPB and OPA regulations to materials listed in this section are indicated by superior figures as follows:—

1—Specific price ceiling
2—Price agreement (sellers with OPA)
3—General Limitation Order (L order)
4—General Preference Order (M order)
5—Conservation Order (M order)
6—Allocation

Alcohol, isopropyl, 99%, dms., 5 gals., same basis..gal. .65 - —
55 gals., c.l., same basis, gal. .44 - —
l.c.l., works..gal. .47 - —
tanks, same basis..gal. .37½- —
Methyl (see Methanol).
Phenylethyl, bots., cns..lb. 2.10 - 2.50
Polyvinyl, type A, fiber-pack, 2,000 lbs. and over, f.o.b. cars, Niagara Falls..lb. .65 - —
less than 2,000 lbs..lb. .70 - —
type B, fiber-pack, 2,000 lbs. and over, same basis..lb. .60 - —
less than 2,000 lbs..lb. .65 - —
Propyl, normal, dm. wks..gal. .67 - .70
Octyl (see Ethylhexyl alcohol).
Tetrahydrofurfuryl, dms., contract, 8,000 lbs., f.o.b. Waverly, N. Y..lb. .44 - —
475-lb. lots, same basis..lb. .50 - —
car lots, wks..lb. .40 - —
cns., Cedar Rapids, Ia..lb. .55 - —
Aldehol, denat. grade, dms., tanks, works..gal. .70 - .72
Aldol, 35 and 110 gal., dms, wks. lb. .13 - —
5-10 gal., dms., wks..lb. .15 - —
denat. grd., dms..gal. 1.20 - —
Aletris root, bgs..lb. .70 - .85
Algin, fib. dms..lb. .79 - 1.00
Alizarin (see Red, alizarin).
Alkanet root, bgs..lb. 1.75 - 1.80
Allspice,[1] Mexican, bgs..lb. .22 - .28
Alpha tocopherol, amp.....gram. 1.00 - 1.50
Aloe, Cape, cs..lb. .24 - .25
Curacao, kgs..lb. .70 - .75
Socotrine, kgs..lb. .60 - .61
Aloin, 140-lb. bbls..lb. 5.45 - —
100-lb. kgs..lb. 5.47 - —
25-lb. fib. dms..lb. 5.54 - —
Alphanaphthol, bbls..lb. .52 - —
Alphanaphthylamine, bbls..lb. .32 - —
Althea root, whole, bbls..lb. .88 - 1.35
Alum, ammonia,[2] burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works..100 lbs. 4.00 - —
dlvd., N. Y., Phil..100 lbs. 4.00 - —
lump, bbls., works..100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
powd., bbls., works..100 lbs. 4.40 - —
dlvd., N. Y., Phil..100 lbs. 4.40 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N. Y.) add l.c.l. rail or water rate whichever is lower, from shipping or equalization point, dlvd., N.C. price apply to truck or ex warehouse.

Potash, gran., bbls., wks..... 100 lbs. 4.25 - —
dlvd., N. Y., Phila..100 lbs. 4.25 - —
lump, bbls., works....100 lbs. 4.50 - —
dlvd., N. Y., Phila..100 lbs. 4.50 - —
powd., bbls., works....100 lbs. 4.65 - —
dlvd. N. Y., Phila...100 lbs. 4.65 - —
Potash alum prices on same basis as those for ammonia alum.
Chrome, bbls..lb. .12½- .15
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd..100 lbs. 4.25 - 5.00
Alumina acetate, solut., basic 24%, c.l., bbls.,10 up, dlvd..lb. .10½- —
1 to 9, dlvd..lb. .11 - —
normal, solut., 20%, bbls., l.c.l., 10 or over, dlvd..lb. .09½- —
1 to 9, dlvd..lb. .10 - —
Chloride, anhyd.,[3] com'l, dms. (extra), 45,000 lbs. and over, works..lb. .08 - —
12,100 to 40,000 lbs., wks..lb. .09 - —
1,100 to 11,000 lbs. works..lb. .10 - —
140 to 375 lbs., works..lb. .11 - —
100 lbs. or less, works..lb. .12 - —
cryst., com'l, dms., c.l., works, l.c.l., works..lb. .06½- .06¾
solut., 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., works..lb. .03¼- —
Fluoride, bbls..lb. .35 - .40
Hydrate,[4] heavy, bbls., wks..lb. .0340- —
l.c.l., bbls., works..lb. .04 - —
bgs., c.l., works..lb. .1310- —
light, 50-lb. bgs., dlvd..lb. .14½- —
90-lb. bbls., dlvd..lb. .15 - —
Hydroxide gel, USP purity, conc., 9-9½% Al_2O_3, fib. dms., wks..lb. .17¾- —
contract, wks..lb. .16¾- —
14-15% Al_2O_3, fib. dms.lb. .20¾- —
contract, wks..lb. .19¾- —
dried, USP XII, fib dms., works..lb. .78 - —
contract, wks..lb. .75 - —
powd., USP IX, fib dms...lb. .15 - .19
Oleate, dms., contra...lb. .24½- —
Palmitate, precip., bbls.....lb. .25 - .28
Resinate, precip., dms.....lb. .15½- —
Stearate, precip., bbls., c.l.lb. .23 - —
l.c.l. .....lb. .24 - —
Sulphate, com'l, bgs., c.l., works, frt. equald..100 lbs. 1.15 - 1.25
l.c.l., works, frt. equald., 100 lbs. 1.40 - 1.50
bbls., c.l., works...100 lbs. 1.35 - 1.45
l.c.l., works, frt. equald., 100 lbs. 1.60 - 1.70
iron free, bgs., c.l., works, 100 lbs. 1.75 - 1.85
l.c.l., works.....100 lbs. 2.00 - 2.10
Aluminum, 98-99%,[2,3,4] c.l....lb. .15 - —
l.c.l: .....lb. .16 - —
paste,[5] lining, extra fine, 200-lb. dms..lb. .56 - .69
ink, 150-lb. dm.....lb. .71 - —
standard, 200-lb. dm.....lb. .38 - —
powdered,[6] lining, extra fine, 150-lb. dm..lb. .92 - —
litho, 150-lb. dm.....lb. .57 - —
standard, 200-lb. dm.....lb. .59 - —
rubber comp., 200-lb. dm...lb. .40 - —
unpolished, stand., 250-lb. dm., lb. .36 - —
varnish, stand., 300-lb. dm.lb. .40 - —

Aluminum powder, and paste prices are f.o.b. shipping point. Add 1c. per lb. for 100-lb. dm., 1½c. for 50-lb. dm., 3c. per lb. for 10-lb. can, and 5c. to 12c. per lb. for smaller containers. Deduct 1c. per lb. for single shipment of 400 to 1,499 lbs., 2c. for 1,500 to 4,999 lbs., 3c. for 5,000 to 29,000 lbs., and 4c. for 30,000 lbs. or more. Where destination is within the continental U. S., a deduction equivalent to the lowest available common carrier, transportation rate will be made from sellers' invoice on orders of 200 lbs. or over.

Ambergris, gray, tins.....oz. 17.00 -18.00
Aminomethylpropanol, dms., wks., lb. .50 - —
5 and 10-gal. cans, works..lb. .60 - —
Aminopyrine, 100-lb. dms.....lb. 4.00 - —
5-lb. bots.....lb. 4.25 - —
Ammonia,[6] anhydrous, fertilizer, f.o.b. Belle, W.Va., frt. equal with Hopewell, Va..ton. 90.00 - —
refrigeration, tanks, works..lb. .05 - —
pure, cycls., dlvd. Met., N.Y., lb. .16 - —

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02½- —
l.c.l. .....lb. .02½- —
tanks (on NH_3 content), f.o.b. works..lb. .04 - —

Ammonia, benzoate, refined, dms., kgs., frt. alld., 4,000 lbs. up..lb. .43 - —
1,000 lbs. to 3,900 lbs.....lb. .44 - —
500 lbs. or less.....lb. .47 - —
Bicarbonate, dms.....lb. .0539- .0614
Bichromate, bbls.....lb. .23 - .26
Bifluoride, bbls.....lb. .15 - .17
Borate, gran., bbls., kgs.....lb. 1080- —
powd., bbls., kgs.....lb. 1130- —
Bromide, NF, 450-lb. bbl....lb. .31 - .35
100-lb. dms.....lb. .32 - .34
50-lb. dms.....lb. .33 - .35
25-lb. dms.....lb. .34 - .38
Carbonate, lump, dms., dlvd. Met. N. Y..lb. .06½- .09¼
cns., same basis.....lb. .14¼- .17¼
powdered, 1c. per lb. higher.
Chloride, tech. (see Ammoniac, sal).
USP, gran., 225-lb. bbls....lb. .11 - .13
100-lb. kgs.....lb. .15 - —
Citrate, dibasic, 250-lb. bbls.lb. .75 - —
100-lb. dms.....lb. .80 - —
50-lb. dms.....lb. .82 - —
25-lb. dms.....lb. .84 - .85
Fluoride, bbls.....lb. .18 - .20
Hydroxide (see Ammonia, aqua).
Hypophosphite, NF, dms....lb. 1.25 - 1.27
jars .....lb. 1.30 - 1.35
Iodide, NF, 5-lb. bots.....lb. 3.71 - —
25-lb. jars.....lb. 3.65 - —
Linoleate, 80%, anhyd., bbls.lb. .12 - —
Molybdate,[6] c.p., ref'd, cryst., kgs..lb. 1.20 - 1.28
fine cryst., bbls., kgs.....lb. .84 - .87
purified, dms.....lb. 1.10 - 1.12
Nitrate, fertilizer grade, mixture with limestone, 34% nitrogen, f.o.b. Ft. Robinson, Ontario..ton. 56.65 - —
tech., bgs., works...100 lbs. 4.35 - 5.50
bbls., works.....100 lbs. 4.85 - —
Oleate, dms.....lb. .14 - —
Oxalate, purif., gran., bbl., kg., lb. .27 - .33
Perchlorate, kgs.....lb. .55 - .65
Persulphate, kgs., dom. ....lb. .25½- .28½
Phosphate, dibasic, NF V, bbl., kg..lb. .31 - .39
tech., bbls., c.l. .....lb. .07¼- —
l.c.l. .....lb. .09¾- .09¼
monobasic, crude (fert. grade), 11% N., 48% phos., bulk, f.o.b. E. works..unit-ton. No prices.
pure, bbls. .....lb. .40 - .45
tech., bbls., c.l. .....lb. .07¼- —
l.c.l. .....lb. .09¾- .09¼
Salicylate, N.F., dms., kgs.lb. 1.15 - —
Silicofluoride, bbls.....lb. .15 - .16
Stearate, anhydrous .....lb. .24½- —
paste .....lb. .06½- —
Sulphamate, 6 bbls. up, wks.lb. .18 - —
2 to 5 bbls., works.....lb. .20 - —
single bbls., works.....lb. .24 - —
smaller lots, works.....lb. .29 - —
Sulphate,[1,6] dom., bulk, f.o.b. cars at any one of 45 inland producing ovens..ton. 28.20 - —
f.o.b. cars, at any one of 21 Atlantic Coast ports, ton. 29.20 - —
Sulphide, liquid, 40-45%, basis, 100%, dms., c.l., works..lb. .07½- —
l.c.l., dlvd. .....lb. .15 - —
tanks, dlvd. .....lb. .07½- —
red, 48%, cbys., works.....lb. .06 - —
dms., works .....lb. .06 - —
yellow, 32%, cbys., works..lb. .06 - —
dms., works.....lb. .06 - —
Sulphocyanide, CP, dms.....lb. .45 - .97½
tech., bbls. .....lb. .17 - —
Ammoniac, gum (see Gum, ammoniac).
sal, gray, dom., bbls., c.l., works..100 lbs. 5.50 - 5.75
l.c.l., same basis..100 lbs. 6.00 - 6.70
white, gran., dom., bbls., c.l., works..100 lbs. 4.45 - —
l.c.l., same basis..100 lbs. 5.15 - —
Amyl acetate, ex fusel oil, tech., dms., c.l., dlvd..lb. .12 - .13
l.c.l., dlvd. .....lb. .12¼- .17¼
tanks, dlvd. .....lb. .11¼- .16
ex-pentane, dms., c.l., frt. alld. E. of Miss. R..lb. .15½- —
l.c.l., same basis.....lb. .16¼- —
tanks, same basis.....lb. .14¼- —
Alcohol (see Alcohol, amyl).
Butyrate, dms., 50 gal.....lb. .75 - .90
Caproate, cns. .....lb. 2.75 - —
Chloride, mixed, tech, dms., c.l., works..lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .06 - —
Ether, dms., c.l., works.....lb. .09½- —
l.c.l., works.....lb. .10 - —
tanks, works .....lb. .08½- —
Nitrite, bots. .....lb. 1.30 - 1.85
Mercaptan, dms., l.c.l., wks.lb. 1.10 - —
Oleate, dms., l.c.l., works..lb. .31 - —
Salicylate, 5-lb. bots. .....lb. .85 - 1.25
Stearate, dms., l.c.l., works.lb. .22½- —
Amylene, dms., c.l., works....lb. .10½- —
l.c.l., works .....lb. .11 - —
tanks, works .....lb. .09 - —
Amylnaphthalenes, mixed, crude, l.c.l., dms., works..lb. .14 - —
refd., dms., works.....lb. .16 - —
Anethol, bots. .....lb. 2.25 - 2.40
cans .....lb. 2.25 - 2.30
Angelica root, dom., bls.....lb. .25 - .30
import, natural, bls.....lb. 2.25 - —
Angostura, bark, bls.....lb. .20 - .21
Anilin oil,[6] dms. .....lb. .15 - —
l.c.l., ...lb. .16 - —
tanks .....lb. .12½- —
Salt, dms., works.....lb. .22 - .24
Anise,[1] Cyprus, bgs.....lb. .37 - .38
Ecuador, bgs. .....lb. .33 - .34
Mexican, reclaimed, bgs...lb. .30 - .30½
Spanish, bgs. .....lb. .37½- .38
Star .....lb. .44 - .45
Syrian, bgs. .....lb. .28 - .29
Turkish, bgs. .....lb. .34½- .35
Anisic aldehyde, bots.....lb. 3.25 - 3.35
Annatto[3], paste, bxs.....lb. .34 - .39
seed, bgs. .....lb. .06 - .06½
Anthracene, 80-85%, bbls., works, lb. .55 - —
90%, bbls., works.....lb. .65 - —
Anthraquinone, 99.5%, bbls...lb. .70 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal,[2,4] bulk, c.l., works..lb. .14½- —
Needle, brown, Bolivian, 67%.lb. .18½- —
Chinese, black, 70%.....lb. .20 - .22
Oxide,[6] bgs., c.l. .....lb. .15 - —
l.c.l. .....lb. .15½- —
Salt, 65%, bbls., dlvd, E. of Miss. River..lb. .40 - —
Sulphide, 65-70%, bbls., c.l., works..lb. .17 - —
l.c.l., works.....lb. .17½- —
Antipyrene, bbls., kgs., tons..lb. 2.00 - —
smaller lots .....lb. 2.10 - 2.20
Apomorphine, bots. .....oz. 23.20 -23.70
Archil extract, bbls.....lb. .26 - —
Areca nuts, powd., bbls.....lb. .25 - .26
Arecoline, hydrobromide, bots.oz. 11.25 -11.50
Argols, test 70% to 85% basis, 100% kgm. purity, f.o.b. Spanish ports..100 kilos. 105.00 - —
Argentine, f.o.b. N. Y.....kilo. 132.00 -134.00
Arnica flowers, bls.....lb. 2.75 - 3.00
Root, bls. .....lb. 1.00 - 1.25
Arrowroot, St. Vincent, bgs...lb. .09¼- .10
bbls. .....lb. .10 - .10½
Arsenic,[6] metal, lump, c.l.....lb. No prices
Chloride (arsenous), cns.....lb. 4.85 - —
Iodide (arsenous), 5-lb. bots..lb. 5.58 - —
jars .....lb. 5.43 - —
Red, import, cs.....lb. No prices
Sulphide, yellow, bbls.....lb. .52 - .55
bots. .....lb. .60 - .64

Arsenic, Trioxide (see Acid, arsenous).
Trisulphide, l.c.l., works....lb. .30 - .35
White, powd., kgs., c.l.....lb. .04 - —
l.c.l. .....lb. .04¾- —
Asafetida, cs.....lb. .55 - .60
powd., cs.....lb. .80 - .85
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 3D and 5K, bgs., c.l. (20 tons), Canad. mines, ton. 49.50 - —
5R, bgs., same basis.....ton. 44.00 - —
6D, bgs., same basis.....ton. 33.00 - —
7D, bgs., same basis.....ton. 28.50 - —
7F, bgs., same basis.....ton. 26.50 - —
7H, bgs., same basis.....ton. 22.50 - —
7K, bgs., same basis.....ton. 19.00 - —
7M, bgs., same basis.....ton. 16.50 - —
7R, bgs., same basis.....ton. 15.50 - —
Asphaltum Manjak No. 10, crude, wks..lb. .05½- .12
process form, bgs., wks.lb. .05¾- .13
jet, bgs., 2,000 lbs., gross weight lots, bgs., f.o.b. Colorado shipping point. ton. 30.00 - —
Barbadoes, Dunellen, N. J..lb. .10¼- —
California, dms., c.l., N.Y. ton. 35.00 - —
l.c.l., f.o.b. N. Y.....ton. 40.00 - —
Cuban A, bgs., c.l., f.o.b. N.Y. ton. 60.00 - —
l.c.l., f.o.b. N. Y.....ton. 90.00 - —
B, bgs., c.l., f.o.b. N. Y...ton. 35.00 - —
l.c.l., f.o.b. N. Y.....ton. 55.00 - —
Egyptian, bgs., c.l., N.Y..lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, selects, 340 F. fusing point, bgs. gross weight, f.o.b. western shipping points....ton. 32.00 - —
seconds, 370-390 F. fusing point, not uniform, same basis .....ton. 25.50 - —
brilliant, selects, 290-295 F. fusing point, same basis, ton. 30.50 - —
270 F. fusing point, same basis .....ton. 30.50 - —
seconds, 300-330 F. fusing point, not uniform, same basis .....ton. 25.50 - —
jet, 2,000 lbs. gross weight lots, bgs., f.o.b. Colorado shipping point..ton. 30.50 - —
Mexican, Texas, dms., c.l., refinery..ton. 21.00 - —
l.c.l., refinery.....ton. 21.00 -23.00
tanks, refinery.....ton. 16.00 - —
Atropine, bots. .....oz. 15.00 - —
Sulphate, bots. .....oz. 8.25 - —

B

Balm of Gilead buds, bgs.....lb. .62 - .63
Barbasco root,[26] (see cube root).
Barberry bark, bgs.....lb. .78 - .80
Tree bark, bls.....lb. No stocks
Barbital, cs., dms.....lb. 3.50 - 3.60
sodium, cs.....lb. 3.75 - —
Barium carbonate, natural, 99% thru 200 mesh, bgs., c.l., works..ton. 43.00 - —
precip., bgs., c.l., works..ton. 55.00 - —
l.c.l., works.....ton. 60.00 - —
bbls., c.l., works.....ton. 60.00 - —
l.c.l., works.....ton. 65.00 - —
sulphur-free, c.l., works...ton. 60.00 - —
l.c.l., works.....ton. 65.00 - —
Chlorate,[6] kgs.....lb. .36 - —
Chloride, CP, cryst., bbls....lb. .25 - .27
pure, bbls., kgs.....lb. .10 - .12
tech., dom., cryst., Zone 1, bgs., c.l., dlvd..lb. 77.00 - —
l.c.l., dlvd.....lb. 90.00 - —
bbls., c.l., dlvd.....lb. 79.00 - —
l.c.l., dlvd.....lb. 92.00 - —
Zone 2, bgs., c.l., dlvd...lb. 81.00 - —
l.c.l., dlvd.....lb. 94.00 - —
bbls., c.l., dlvd.....lb. 83.00 - —
l.c.l., dlvd.....lb. 96.00 - —
Zone 3, bgs., c.l., dlvd....lb. 87.00 - —
l.c.l., dlvd.....lb. 100.00 - —
bbls., c.l., dlvd.....lb. 89.00 - —
l.c.l., dlvd.....lb. 102.00 - —
Zone 4, bgs., c.l., dlvd....lb. 83.00 - —
l.c.l., dlvd.....lb. 97.80 - —
bbls., c.l., dlvd.....lb. 58.00 - —
l.c.l., dlvd.....lb. 99.80 - —

Barium chloride, technical zones are as follows:—Zone 1, New England States, N. Y., N. J., Pa., Md., Va.,, Ohio, Mich., Ind., Ill. Wis., Ky., and principal cities on west bank of Miss. R., north of Miss., north of Ark., line. Zone 2. Tenn., No. and So. Carolina, Ga., Ala., Miss., and Fla. Zone 3. Minn., Ia., Mo., Col., N. Mex., Idaho, Utah and Ariz. Zone 4. Wash., Ore., Calif., and Nev.

Dioxide, dms., c.l., works....lb. .10 - —
l.c.l., same basis.....lb. .12 - .13
Fluoride, bbls.....lb. .18 Nom.
Hydrate (see Hydroxide).
Hydroxide, bbls., works.....lb. .06 - .07
Iodide, bots. .....lb. 4.62 - 4.82
Monoxide (see Oxide).
Nitrate, cks.....lb. .11 - .12
Oxide, ungrd., dms., c.l., wks. lb. .08 - —
l.c.l., same basis.....lb. .10 - .12
grd., dms., l.c.l., works....lb. .11 - .15
Peroxide (see Dioxide).
Silicofluoride, bbls.....lb. .17 - .19
Stearate, ctns, (50 lbs. each), ton and carload lots..lb. .31 - —
less than ton lots.....lb. .32 - —
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09¼- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton. 27.65 - —
l.c.l., same basis.....ton. 28.65 - —
ex whse., N. Y.....ton. 36.00 - —
paper bags, c.l., St. Louis. ton. 25.85 - —
l.c.l., same basis.....ton. 26.85 - —
ex whse. N. Y.....ton. 34.00 - —
Southern off color, bgs., mines..ton. 17.50 - —
95.75%, bgs., mines.....ton. 18.00 - —
ore, bulk, mines.....ton. 8.00 - —
Bauxite,[6] bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Bay rum, bbls.....gal. 1.40 - 1.50
Bayberry bark, bgs.....lb. .12 - .13
Belladonna leaves, bls.....lb. 1.45 - 1.50
Root, bls. .....lb. .90 - 1.00
Bentonite, 200 mesh., bgs., Wyo. works..ton. 11.00 - —
325 mesh, bgs., Wyo., works... ton. 16.00 - —
Benzaldehyde, tech., cbys., dms. lb. .45 - .55
NF VII, dms., 50 to 100 lbs..lb. .55 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see Benzol).
Benzidin base, bbls.....lb. .70 - —
Benzocaine, cns.....lb. 3.20 - 3.55
Benzol,[2,6] 90%, dms., returnable, works..gal. .20 - —
tankcars, frt. alld. up to 2c. per gal..gal. .15 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .15 - —
Benzophenone, dms.....lb. 1.15 - 1.20
Benzoyl chloride, cbys.....lb. .22 - .24
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .59 Nom.
dms. .....lb. .55 Nom.
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., dms.lb. 1.00 - 1.10
Benzyl, chloride, cbys., frt. equal lb. .22 - .24
Cinnamate, cns.....lb. 5.15 - 5.50
Formate, cns.....lb. 3.50 - 3.75
Isoeugenol, bots.....lb. 9.50 - —
Propionate, bots.....lb. 4.00 - —
Salicylate, bots.....lb. 1.90 - 2.15
Benzylidineacetone, bots.....lb. 3.90 - 3.25
Berberine bisulphate, cns.....lb. 22.50 -38.50
Hydrochloride, cns.....lb. 22.50 -38.50
Sulphate, cns.....lb. 22.50 -38.50
Berberis root, bls.....lb. .13 - .14
Betanaphthol, sublim., kgs....lb. .55 - —
tech., bbls., c.l., works....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib. dms.....lb. 1.75 - —
Salicylate, dms.....lb. 5.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls.....lb. .33 - .35
Bismuth[6] chloride, 5-lb. bots..lb. 3.00 - —
jars .....lb. 2.85 - —
Citrate, USP VIII, bots.....lb. 2.86 - —
jars .....lb. 2.75 - —
Hydroxide, 5-lb. bots.....lb. 3.46 - —
cns. .....lb. 3.35 - —
Metal,[6] ton lots.....lb. 1.26 - —
Nitrate, cryst., 5-lb. bots....lb. 1.45 - —
cns. .....lb. 1.30 - —
Oxychloride, 5-lb. bots.....lb. 3.19 - —
cns., kgs.....lb. 3.10 - —
Subbenzoate, 5-lb. bots.....lb. 3.51 - —
fib. dms.....lb. 3.40 - —
Subcarbonate, bots., cns.....lb. 1.52 - 1.63
175-lb. bbls. dms.....lb. 1.50 - —
X-ray, 5-lb. bots.....lb. 2.79 - —
fib. dms.....lb. 2.73 - —
Subgallate, bots., cns.....lb. 1.49 - 1.53
fib. dms.....lb. 1.40 - 1.43
Subiodide, bots.....lb. 4.24 - —
fib. dms.....lb. 4.13 - —
Subnitrate, powd., bots., cns.lb. 1.23 - —
250-lb. bbls., dms.....lb. 1.20 - —
Subsalicylate, 60-66%, bots..lb. 2.59 - —
bbls., fib. dms.....lb. 2.50 - —
Sulphocarbolate, 5-lb. bots..lb. 3.76 - —
fib. dms.....lb. 3.65 - —
Trioxide, powd., 5-lb. bots..lb. 3.76 - —
cns. .....lb. 3.65 - —
Bismuth ammonia, citrate, USP, powd., 25-lb. dms..lb. 3.40 - —
5-lb. cns.....lb. 3.45 - 3.50
Black,[2] acetylene, imp., c.l., works, duty paid..lb. .14 - —
Bone, 1A, c.l.....lb. .17 - —
l.c.l. .....lb. .17½- —
2, c.l.....lb. .13 - —
l.c.l. .....lb. .13½- —
3, c.l.....lb. .12 - —
l.c.l. .....lb. .12¼- —
4, c.l.....lb. .11 - —
l.c.l. .....lb. .11½- —
b, c.l.....lb. .08¾- —
l.c.l. .....lb. .09 - —
6, c.l.....lb. .08½- —
l.c.l. .....lb. .09 - —
7, c.l.....lb. .11½- —
l.c.l. .....lb. .12 - —
8, c.l.....lb. .12½- —
l.c.l. .....lb. .13 - —

Bone black prices are for barrels or bags, freight allowed East. Pacific Coast prices are 1½c. per lb. higher, ex dock or ex whse.

Carbon,[6] regular, uncompressed, bgs., c.l., f.o.b. plants..lb. .09625- —
l.c.l., bgs., ctns., f.o.b. whse..lb. .08 - —
dlvd. .....lb. .08 - —
beads, compressed, bgs., c.l., f.o.b. plants..lb. .06550- —
l.c.l., bgs., ctns., f.o.b. whse..lb. .07¼- —
dlvd. .....lb. .07½- —
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, pure, bbls., l.c.l., works..lb. .06¼- —
Lamp, 1, ctns., c.l., works...lb. .07¼- —
l.c.l., works.....lb. .09 - —
2, ctns., c.l., works.....lb. .10 - —
l.c.l., works.....lb. .11 - —
2A, ctns., c.l., works.....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .14¼- —
l.c.l., works.....lb. .15¼- —
4, ctns., c.l., works.....lb. .16¼- —
l.c.l., works.....lb. .17½- —
5, ctns., c.l., works.....lb. .18¾- —
l.c.l., works.....lb. .20 - —
6, ctns., c.l., works.....lb. .26½- —
l.c.l., works.....lb. .27½- —
7, ctns., c.l., works.....lb. .37½- —
l.c.l., works.....lb. .40 - —
Mineral, vine type, bbls., l.c.l., f.o.b. works..lb. .0434- —
Vine, A, bbls., works or N.Y..lb. .04½- .05
B, bbls., works or N. Y....lb. .05¾- —
kegs, f.o.b. N. Y.....lb. .06 - —
dms., c.l., frt. alld.....lb. .06½ Nom.
Black dyes or listed under Dyes.
Black Haw root bark, bls.....lb. .40 - .41
Tree bark, bls.....lb. .21 - .22
Black Indian hemp root, bls...lb. .20 - .28
Blanc fixe, dry, by-product, bgs., c.l., works..ton. 60.00 - —
l.c.l., works.....ton. 67.50 - —
direct process, bgs., c.l., f.o.b. Huntington, W. Va..ton. 70.00 - —
bbls. .....ton. 75.00 - —
l.c.l., same basis....ton. 75.00 - —
bbls., same basis...ton. 80.00 - —
pulp, 66⅔% bbl., c.l., wks.ton. 40.00 - —
l.c.l., same basis.....ton. 46.50 - —
Bleaching powder,[2,6] dms., c.l., works..100 lbs. 2.50 - 3.10
l.c.l. works.....100 lbs. 2.75 - 3.60
Blood, dried, dom., 16-16½% ammon., bgs., f.o.b. N.Y. unit-ton. 4.95 - —
high-grade, unground, 16-17% ammon., bulk, f.o.b. Chicago..unit-ton. 5.35 - —
soluble, c.l., Chi.....lb. .13¼- —
bag lots, same basis.....lb. .15 - .20
Bloodroot, bls.....lb. .45 - .46
Blue,[2] alkali, toner, bbls., dlvd. N. of Tenn. and N. C. E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .85 - .90

Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.: El Paso, 2c.); Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Bronze, bbls., same basis, contracts..lb. .86 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, contracts..lb. .86 - —
Cobalt,[2] genuine, 1-kilo pkg.lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper phthalocyanin, bbls., f.o.b. works, frt. alld. 3.30 - 3.75
Milori, bbls., same basis, contracts..lb. .86 - —
Molybdated, Victoria, same basis, contracts..lb. 3.15 - —
Peacock, same basis, contracts. lb. .52 - —
Potash, dms., bbls., same basis, contracts..lb. .42 - —
Prussian, bbls., same basis, contracts..lb. .86 - —
Tungstated, peacock, kgs....lb. 4.00 - —
Victoria, kgs.....lb. 3.30 - —
Methyl violet, kgs.....lb. 2.10 - —
Ultramarine, dry or pulp, colorful grades, bbls., works, frt. equald..lb. .28 - .27
job grades, bbl., same basis lb. .12 - .13

Blue, ultramarine, reg. grades, bbl., same basis..lb. .17 - .27
Blue, ultramarine, dlvd. ex whse., ls 1c. higher; Pac. Coast, ex whse., 2c. higher; 100-lb. bgs., 1c. above bbls.; 28-lb. boxes, 6c. above bbls.
Victoria ink toner, bbls., same basis, alkali toner..lb. 1.83 - —
syn. vehicle, bbls., same basis lb. 1.93 - —
Blue dyes are listed under Dyes.
Bluefiag root, bls.....lb. .20 - .30
Blue mass, USP, cns., tubs....lb. 1.67 - 1.84
powd., bots., cns., dms.....lb. 1.70 - 1.84
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Bone, raw, dom., indus., Chi.ton.57.50 -65.00
junk, same basis.....ton.31.00 - —
meal, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Eastern works..ton.37.50 - —
Chicago, works....ton.39.50 - —
steamed, dom., feeding grade, 1% ammon., 60% phos., bgs., f.o.b. E. wks....ton.47.00 - —
Chicago, works....ton.51.00 - —
fertilizer grade, 3% ammon., 50% phos., bgs., E. wks.ton.38.50 - —
Chicago, works..ton.37.00 - —
Phosphate, precip. (see Calcium phosphate tribasic precip.).
Boneset leaves, bls.....lb. .12 - .15
Borage flowers, bls.....lb. .60 - .95
Borax,[3] tech., 99¼% gran., bulk, c.l., frt. alld..ton.41.50 - —
bgs., c.l., frt. alld.....ton.45.00 - —
ton lots, ex whse.....ton.56.00 - —
less ton lots, ex whse.ton.61.00 - —
bbls., c.l., frt. alld.....ton.55.00 - —
ton lots, ex whse.....ton.66.00 - —
less ton lots, ex whse.ton.71.00 - —
powd., bgs., frt. alld....ton.50.00 - —
ton lots, ex whse.....ton.61.00 - —
less ton lots, ex whse.ton.66.00 - —
bbls., c.l., frt. alld....ton.60.00 - —
ton lots, ex whse....ton.71.00 - —
less ton lots, ex whse.ton.66.00 - —
USP, $15 per ton higher.
Bordeaux mixt., dms., c.l.....lb. .11 - —
l.c.l., dms.....lb. .11½- —

Bordeaux mixture prices are works or whse. basis, frt. alld. to dest., in lots of 90 lbs. and over, no trucking or freight allowance for works or warehouse pickups.

Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .25 - .30
single pkgs., same basis..lb. .30 - .35
Bromoform, USP, 100 lbs..bots. 1.50 - —
Bromstyrol .....lb. 4.30 - 5.00
Bronze powder, aluminum (see A).
Gold, litho., cns., dms.....lb. .60 - .65
moulding, cns., dms.....lb. .80 - 1.00
printing inks, cns., dms..lb. .85 - 1.20
radiator, cns., dms.....lb. .45 - .50
Broomtops, bls.....lb. .16 - .18
Brown,[3] iron oxide, pure, precip., cks., f.o.b. N.Y..lb. .12 - —
Metallic, iron oxide, bbls., wks., lb. .02½- —
paper bgs., c.l., works....lb. .0225- —
Sap, crystals, dom., works..lb. .12 - —
powdered .....lb. .13 - —
Sienna, burnt, American, bbls., f.o.b. works..lb. .03¾- .06
Italian, Amer. replacement type, bbls., f.o.b. works.lb. .08¾- .10¾
raw, American, bbls., wks.lb. .04 - .10
Italian, Amer. replacement type, bbls., f.o.b. wks.lb. .08 - .10
Umber, Amer., bbls., works.lb. .03¾- —
Italian type, Amer. replacement, bbls., works..lb. .04¾- —
Turkey type, bbls., l.c.l., f.o.b. Boston, Bethlehem, Easton, Pa., N. Af..lb. .04¾- —
St. Louis, Chicago, Indianapolis, New Orleans..lb. .05¼- —
Kansas City..lb. .05¾- —
Minneapolis..lb. .0535- —
Pittsburgh..lb. .05 - —
Brown, umber, Turkey, bbls., l.c.l., ex car, Los Angeles..lb. .05¾- —
Portland, San Francisco, Seattle..lb. .05¼- —
ex whse. Los Angeles..lb. .05¾- —
Portland, San Francisco, Seattle..lb. .05¾- —
Vandyke, regular, bbls., l.c.l., works..lb. .09 - —
special .....lb. .12 - —
Brucine, 100 oz. cns.....oz. .35 - —
Sulphate, 100 oz. cns.....oz. .30 - —
Byronia root, bls.....lb. .85 - .90
Buchu leaves, bls.....lb. .80 - .82
Buckthorn bark, true, bls.....lb. .05 - .07
cut and sifted, bbls.....lb. .85 - .97
Berries, bgs.....lb. .85 - .90
Burdock root, bls.....lb. .37 - .38
Burgundy pitch, dom., dms...lb. .06 - —
Butane,[1] industrial grade, tanks, f.o.b. Group 3..gal. .03 - .03¼
Butternut bark, bls.....lb. .06 - .09
Butyl acetate,[1] norm., dms., c.l., frt. alld..lb. .1240- .1575
l.c.l., frt. alld.....lb. .1225- .1675
tanks, frt. alld.....lb. .1115- .1475
secondary, dms., c.l., frt. pd. E. of Miss. R..lb. .09½- —
l.c.l., same basis.....lb. .10 - —
tanks, same basis.....lb. .06½- —
Alcohol (see Alcohol).
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Carbinol, secondary, l.c.l., dms., works..lb. .60 - —
Chloride, normal, dms., c.l., works..lb. .32 - —
l.c.l., works.....lb. .35 - —
Ether (see under Ether).
Lactate, dms.....lb. .26½- —
Laurate, dms., works.....lb. .42 - —
Myristate, dms., works.....lb. .41 - —
Oleate, ref'd, dms., works...lb. .35 - —
tech., dms., works.....lb. .29 - —
Phenylacetate, dms.....lb. 2.00 - 2.25
Phthalate,[4] dms., frt. alld. E. of St. Louis..lb. .20½- .21½
Propionate, dms., dlvd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms.....lb. .31 - —
Butyric ether, bots.....gal. 6.50 - 6.95
cns., works.....lb. .65 - .70
dms., frt. alld. Met. N.Y..lb. .60 - —

C

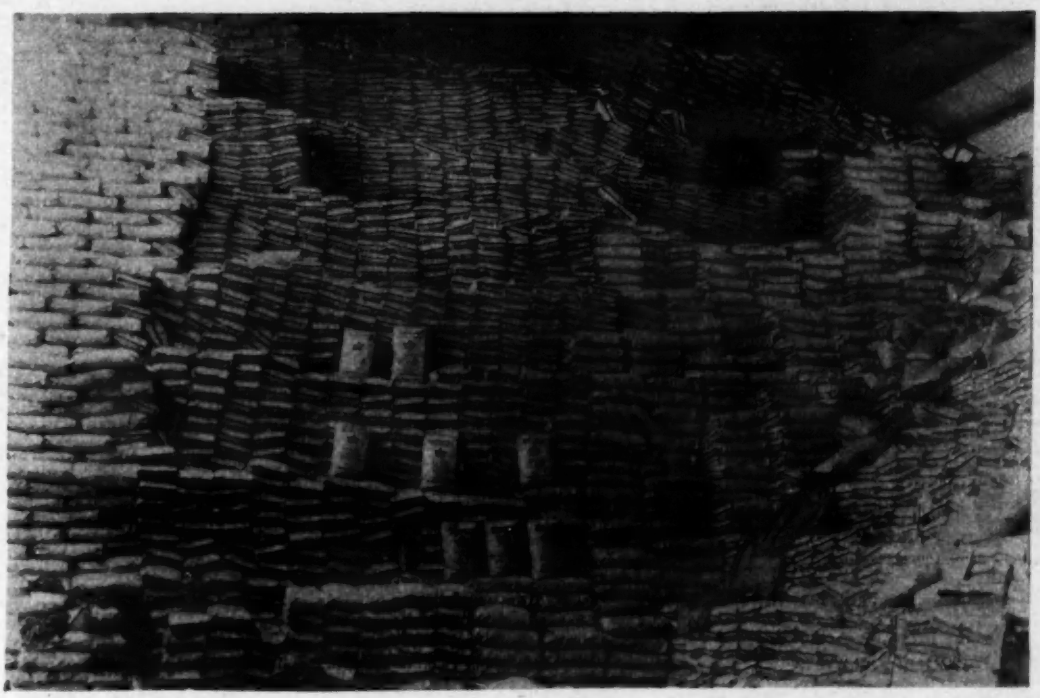
Cadmium bromide,[4] 25-lb. jars, 50 lbs. or more..lb. 1.65 - 1.66
single jars.....lb. 1.70 - —
5-lb. bots.....lb. 1.84 - 1.91
Iodide,[4] 5-lb. bots.....lb. 4.28 - —
25-lb. cans.....lb. 4.09 - —
Lithopone (see Yellow).
Metal,[1,4] pat., shapes, cs., dlvd..lb. .95 - —
Ingots or sticks.....lb. .90 - —
Red (see Red).
Selenide (see Red).
Sulphite (see Yellow).
Caffeine,[4] 10,000 lbs. or more, dms., containing 100 lbs.lb. 2.60 - —
dms., containing 25 lbs....lb. 2.63 - —
cns., containing 10 lbs....lb. 2.65 - —
Caffeine, 2,000 lb. lots, dms., containing 100 lbs..lb. 2.65 - —
dms., containing 25 lbs....lb. 2.68 - —
cns., containing 10 lbs....lb. 2.70 - —
1,000 lb. lots, dms., containing 100 lbs..lb. 2.70 - —
dms., containing 25 lbs....lb. 2.73 - —
cns., containing 10 lbs....lb. 2.75 - —
100 lb. lots, dms., containing 100 lbs..lb. 2.80 - —
Caffeine, 100 lb. lots, dms., containing 25 lbs..lb. 2.83 - —
cns., containing 10 lbs....lb. 2.85 - —
less than 100 lbs., cns., containing 10 lbs..lb. 3.15 - —
Citrated, bots.....lb. 2.30 - —
Hydrobromide, bots.....lb. 5.29 - 5.37
Calabar beans, bgs.....lb. .35 - .40
Calamus root, dom., bls.....lb. .30 - .45
Calcium acetate, bgs., dlvd.... 100 lbs. 3.00 - 4.00
Arsenate,[4] bgs., c.l.....lb. .07 - .08
l.c.l. .....lb. .07½- .08½

Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 90 lbs. or over; no frt. or truck allowances for paint or whse. pick-up.

Bromide, 100 lbs., works, frt. equald..lb. .65 - —
50 lbs., works.....lb. .67 - —
25 lbs., works.....lb. .70 - —
Carbide,[4] dms., c.l., dlvd..... 100 lbs. 4.75 - —
l.c.l., f.o.b. whse.....100 lbs. 4.85 - —
Carbonate (see Chalk and Whiting).
Chloride, flake, paper bgs., 77-80%, c.l., dlvd..ton.18.50 -35.00
l.c.l., 15 tons, dlvd..ton.21.50 -25.50
5-ton lots.....ton.28.50 -41.00
liquor, basis 40%, tanks, wks., ton. 7.50 - —
Calcium, chloride, solid, dom., 73-75%, dms., c.l., dlvd. ton..18.00 -31.50
15 tons, dlvd.....ton.21.45 -23.45
5-ton lots .....ton.28.45 -40.95

Calcium chloride prices vary according to zone. Car lot prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags, drums $3.50 per ton over paper bags.

purified, cryst., 100-lb. lots, bbls., jars..lb. .28 - —
smaller lots, bbls., jars, bots. lb. .29 - .39
Gluconate, USP, gran., 150-lb. bbls..lb. .52 - —
dms., 1.....lb. .57 - .59
cns., ...lb. .70 - —
Powd., 2c. per lb. lower.
Glycerophosphate, fib. dms., 1,000-lb. lots..lb. 1.28 - —
100-lb. lots .....lb. 1.40 - —
cns., 25 lbs.....lb. 1.65 - —
Hypophosphite, cns.....lb. .62 - .65
Iodide, bots., jars.....oz. 4.04 - 4.19
Lactate, USP, bbls., 200 lbs..lb. .27 - .28
Mandelate, dense, dms.....lb. 2.05 - 2.30
fluffy, dms.....lb. 2.05 - 2.30
Palmitate, bbls.....lb. .28 - .29
Pantothenate, dex., 100-gram bots..per gram. .50 - —
Phosphate, dibasic, precip., 38-40% P_2O_5, bgs., c.l.f. Atlantic ports, shipt. unit-ton. No prices.
feeding grade, bgs., f.o.b. works..ton.75.00 - —
food grade, f.o.b. works, 10 bbls. or over..lb. .07 - .07¾
5 to 9 bbls., same basis, lb. .08 - .09
1 to 4 bbls., same basis, lb. .10 - —
medicinal, bbls.....lb. .11½- .12
dms. .....lb. .12¾- .13
Calcium, phosphate, monobasic, cryst., bgs., c.l., works, frt. equald..lb. .05¾- —
5 tons and over, bgs., same basis..lb. .06 - —
less than 5 tons, same basis..lb. .06¼- —
tribasic, bbls., c.l., works..lb. .0635- —
l.c.l. .....lb. .0706- .0785
Resinate, precip., bbls., ton lots, lb. .15 - —
smaller lots.....lb. .16 - —
Stearate, precip., bbls., c.l..lb. .25 - —
ton lots .....lb. .26 - —
less than ton lots.....lb. .27 - .28
sulphate (see Gypsum).
Sulphide, 70% CaS, bgs., c.l., works..ton.46.00 - —
80% CaS, bgs., c.l., works.ton.51.00 - —
luminous, dom., tins, works, 100 lbs. 1.25 - —
Sulphocarbolate, 1,000-lb. lots, 200-lb. bbls..lb. .49 - —
Calendula flowers, bls.....lb. 3.25 - 3.30
Calomel,[3] bbls., fib. dms., kgs., 50 lbs. or more..lb. 2.90 - —
Camphor, natural, powd., cs...lb. .85 - .90
slabs, cs.....lb. .85 - .90
tablets, tins.....lb. 1.25 Nom.
synth., dom., tech., bbls., contract, 2,000 lbs. or more, works..lb. .41 - —
10 bbls. (1,500 lbs.).....lb. .43¾- —
5 to 9 bbls.....lb. .44 - —
1 to 4 bbls.....lb. .45 - —
25 lbs. to 149 lbs.....lb. .47 - —
1 lb. to 24 lbs.....lb. .54 - —
USP, gran., powd., bbls., 2,000-lb. lots..lb. .68 - —
1,000-lb. lots.....lb. .69 - —
smaller lots.....lb. .70 - —
tablets, 2,000-lb. lots....lb. .81 - —
1,000-lb. lots.....lb. .82 - —
smaller lots.....lb. .83 - —



A mountain of calcium chloride in St. Regis Paper Bags

100 lb. bags of calcium chloride stacked fifty high, to the rafters... bags on the floor withstanding 2½ tons pressure... bags on upper tiers taking the bumps on the 40 ft. slide down for shipment.

This photograph speaks volumes for the ruggedness and toughness of St. Regis Multiwall Bags. It explains why breakage, siftage and transit losses are greatly minimized. This is due to Multiwall construction; i.e., several plies of kraft paper in tube form, with each bearing its share of the burden. The bags shown have, in addition, a special moisture resistant sheet which prevents hygroscopic and deliquescent $CaCl_2$ from caking or going into solution during a long storage period.

Not only does St. Regis offer you Multiwall Paper Bags *custom*-built to fit your specific needs but also the *specialized service* of St. Regis engineers, plus the benefit of our long years of experience in manufacturing and installing bag filling and closing equipment. Let us study your packing operation and recommend the type of bag to protect your product and to meet your production needs.

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Camphor, monogromate, bulk, 100-lb. lots..lb. 3.10 - —
25 to 50-lb. lots.....lb. 3.20 - 3.25
Canada balsam (see Fir, balsam).
Canary seed,[1] Argentine, bgs..lb. No stocks
Canella alba bark, bls.....lb. .29 - .30
Cantharides, Chinese, cs.....lb. 2.25 - 2.80
powd., bxs.....lb. 2.46 - 2.80
Russian, cs.....lb. 6.00 - 6.25
powd., bxs.....lb. 6.25 - 6.80
Capsicum (see Pepper, red).
Caraway seed,[1] Dutch, bgs.....lb. 1.10 - 1.15
Morocco, bgs. .....lb. .54 - .65
Syrian, whiskered, bgs.....lb. .48 - .50
Carbazole, 95%, dms., ton lots. works..lb. .79 - —
smaller quantities, works..lb. .80 - —
98%, dms., ton lots, works...lb. .75 - —
smaller quantities, works..lb. .95 - —
Carbinol, butyl, norm. (see Amyl alcohol, normal).
Diethyl, l.c.l., works.....lb. .60 - —
Dimethylethyl, l.c.l., works..lb. .60 - —
Isobutyl, dms., c.l., works...lb. .225 - —
l.c.l., same basis.....lb. .235 - —
tanks, same basis.....lb. .215 - —
Carbon bisulphide, 55-gal, dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis, lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
Dioxide, cyls.....lb. .06 - .08
Tetrachloride,[1,9] Zone 1, 52½-gal. dms., c.l., frt. alld.. gal. .73 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .87 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .80 - —
l.c.l., frt. alld.....gal. .87 - —
Zone 2, 5 or 10-gal. dms., c.l., frt. alld..gal. 1.04 - —
l.c.l., frt. alld.....gal. 1.14 - —
Zone 3, 52½-gal. dms., c.l. frt. alld..gal .94 - —
l.c.l., frt alld.....gal. 1.00 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.17 - —
l.c.l., frt. alld.....gal. 1.27 - —
Zone 4, 52½-gal. dms., c.l., gal. .83 - —
l.c.l. .....gal. .90 - —
5 or 10-gal. dms., c.l. gal. 1.07 - —
l.c.l. .....gal. 1.17 - —

All prices on carbon tetrachloride are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. cars, L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1 includes the following States.—Me., N. H., Vt., Mass., Conn., R. I., N. Y. N. J., Pa., Md., Del., Va., W. Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Minn., Ia., Mo., also the river towns of Burington, Ia., and Kansas City, Kans. Zone 2 includes N. D., S. D., Neb., Kans., Okla., Ark., La., Miss., Ala., Ga., S. C. and Fla. Zone 3 includes that portion of Montana east of Billings and the States of Wyoming, Colo., N. M., Texas. Zone 4 includes Wash., Idaho, Montana, Ore., Cal., Nev., Utah, Ariz.

Cardamom,[1] bleached, cs.....lb. 1.70 - 1.80
decorticated, cs. .....lb. 1.50 - 1.60
green, Alleppey, bgs.....lb. .95 - .97
Ceylon cs.....lb. .94 - .97
Carob bean flour (see Gum, Locust bean).
Carvel, bots.....lb. 22.50 -23.00
Cascara sagrada bark, bulk...lb. .26 - .28
Case hardening mixture, 50% lump, dms l.c.l. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .19 - .21
5 tons, works.....lb. .19¼- .21¼
smaller lots, works.....lb. .19¼- .21½
80-100 mesh, c.l., dlvd.....lb. .19¼- .21½
5 tons, works.....lb. .19¾- .21¾
smaller lots, works.....lb. .20 - .22
Cassia,[1] Batavia, No. 1, thin quill bls..lb. .60 Nom.
No. 1, regular, bls.....lb. .58 Nom.
Shortstick .....lb. .53 Nom.
broken .....lb. .51 Nom.
China, bls., bgs.....lb. .60 Nom.
rolls, select, bls .....lb. .53 Nom.
broken, bls. .....lb. .52 Nom.
Saigon, all medium, bls.....lb. .61 Nom.
all thin, bls.....lb. .62 Nom.
Cassia, fistula, bakts.....lb. .25 - .26
Castoreum, nat., cns.....lb. 12.50 -15.00
Synth., bots.....lb. 19.00 - —
Castor beans, f.o.b. Brazilian ports..long ton. 75.00 - —
Oil (see Oil, castor).
Pomace,[1] dom., guaranteed 5¼% ammon., bgs., c.l., wks. ton. 19.00 - —
Catechol, resublimed, frt. alld. E. of Miss., 100-lb. dms..lb. 3.50 -
Celery seed,[1] French, bgs....lb. 1.02 Nom.
Indian .....lb. .32 - .34
Celluloid scrap (see Pyroxylin scrap).
Cellulose, acetate, flake, frt. alld. lb. .30 - —
granules, frt. alld.....lb. .35 - —
Triacetate, flake, frt. alld...lb. 30 - —
Cerium hydrate, dms., works..lb. 60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - —
Oxide, optical grade, 100-lb. lots, works..lb. 1.50 - —
smaller lots, works.....lb. 2.00 - —
Chalk, precipitated, drugs, dentifrices and cosmetics, c.l..lb. .02½- —
paint and other industries, bgs., c.l., works..ton. 40.00 - —
papermakers, bgs., c.l., works, ton. 32.50 - —
rubbermakers, bgs., c.l., works, ton. 30.00 - —
Chamomile, Hungary type, cs.lb. .58 - .60
Roman, bls.....lb. 3.25 Nom.
Charcoal, softwood, gran., bgs., c.l., clvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Ga., W. Va..ton. 35.40 - —
Conn., Me., Mass. N. H., R. I., Vt..ton. 35.80 - —
Ill., Ind., Iowa, Mich., Minn., Mo., Neb., O. and Wis..ton. 32.50 - —
Penn. .....ton. 34.80 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract,[6] clarif., 25% tan., bbls., c.l., wks.lb. .0275- —
tanks, works.....lb. .0225- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton. 16.00 - —
bulk, c.l., works...ton. 7.60 - —
200 mesh, bgs., c.l., wks. ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet grd., silkbolt, 99.9%, 325 bulk, c.l., works...ton. 9.50 - —
paper bgs., c.l., works..ton. 12.50 - —
Import, white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila..ton. 19.00 -24.00
powd., cks., l.c.l., ex whse. ton. 41.00 - —

Chloral hydrate, jars, 1,000 lbs..lb. .93 - .95
500 lbs.....lb. .96 - .98
100 lbs.....lb. .98 - 1.00
25 lbs.....lb. 1.00 - 1.02
1-10 lbs.....lb. 1.05 - 1.07
dms., 1,000 lbs.....lb. .90 - .92
500 lbs.....lb. .93 - .95
100 lbs.....lb. .95 - .97
Chlorinated rubber,[6] standard, 100 lbs. or more, works..lb. .32 - —
smaller lots.....lb. .35 - —
Chlorine,[2,3,9] liquid, cyls., c.l., dlvd., N.Y..lb. .05¼- —
contracts, dlvd. N.Y...lb. .06¼- —
l.c.l., dlvd. N.Y.....lb. .07¼- —
tanks, single units, works, frt. equald..100 lbs. 1.75 - —
multiple units, 3 or over, works, frt. equald..100 lbs. 2.00 - —
2, works, frt. equalized... 100 lbs. 2.50 - —
1, works, frt. equalized... 100 lbs. 3.00 - —
Chloroform, tech., 650-lb. dms..lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .25 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chlorpicrin, com'l, 180-lb. cyls., frt. alld..lb. .50 - —
100-lb. cyls., frt. alld.....lb. .52 - —
25-lb. cyls., ex-whse.....lb. 1.00 - —
1-lb. bots., case 2, ex-whse. lb. 1.25 - —
Chrome acetate, powd., 24%, bbls. lb. .22 - —
solut., 5%, cs., bbls.....lb. .07¼- —
7½%, cs., bbls.....lb. .06¾- —
Cake, bulk, c.l., works.....ton. 16.00 - —
Ore., residue, paper bgs., c.l., works..ton. 15.00 - —
Oxide (see Green, chrome).
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, 5-lb. bot.....lb. 5.62 - 6.09
Cinchona bark,[5] quill, USP, 10 in., medium, cs..lb. 1.20 Nom.
broken, quill, red, bgs..lb. .19 Nom.
yellow, bgs.....lb. .19 Nom.
Cinchenidine,[3] small, cryst., cns., 100 ozs..oz. .89 + .13¾*
Sulphate, NF, cns., 100 ozs..oz. .53 + .13½*

Cinchonidine buyers must pay a surcharge of 5½c. per oz. to cover present war-risk insurance, higher ocean freight rates and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchonine,[3] small, cryst., cns., 100 ozs..oz. .62 + .13¼*
large cryst., cns., 100 ozs..oz. .56 + .13½*
Sulphate, NF, cns., 100 ozs..oz. .42 + .13¼

* Cinchonine buyers must pay a surcharge of 13½c. per oz. to cover present war-risk insurance, higher ocean freight rates and other expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge involved.

Cinchophen, USP, bots., 1 to 5 lbs..lb. 3.70 - 3.80
dms., 100 lbs.....lb. 3.50 - —
50 lbs.....lb. 3.55 - —
25 lbs.....lb. 3.60 - —

Heavy density cinchophen 20c. per lb. higher.

Cinnamic alcohol (see Alcohol, cinnamic).
Cinnamon,[1] Ceylon, 2, bls.....lb. .61½ Nom.
chips, bgs.....lb. .56 Nom.
Citral, bots., cns.....lb. 2.85 - 4.75
Citrine ointment,[2] jars.....lb. .98 - 1.20
Citronellal, bots., dms.....lb. 2.75 - 3.25
Citronellol, bots., dms.....lb. 6.00 - 7.00
Clove,[4] Zanzibar.....lb. .20½- .21½
Clover tops, red, dom., bgs....lb. .29 - .30
Coaltar, coal-gas, crude, bbls., c.l., works..dm. 8.25 - —
l.c.l., works.....dm. 8.75 - —
tanks, works.....gal. .07¼- —
refd., bbls., c.l., works..bbl. 8.75 - —
l.c.l., works.....bbl. 9.25 - —
tanks, works.....gal. .06¼- —
water-gas, crude, dms., c.l., works..bbl. 8.25 - —
l.c.l., works.....bbl. 8.75 - —
refd., dms., c.l., works..dm. 9.25 - —
Cobalt acetate,[6] bbls., kgs., dlvd., lb. .83¾- —
feed grade, 49.5% Co., 100 lbs., lb. 1.25 - —
Carbonate,[6] powd., bgs., works, lb. 1.53 - —
feed grade 23% Co., 100 lbs., lb. 1.85 - —
Chloride, kgs., works.....lb. .87¼- —
feed grade, 24.5% Co., 100 lbs., lb. 1.25 - —
Hydrate,[6] bbls.....lb. 2.04 - —
feed grade, 62% Co., 100 lbs., lb. 2.25 - —
Linoleate, paste, 8%, dms....lb. .32 - .35
solid, 8½%, dms.....lb. .44 - —
Nitrate, feed grade, 29.4% Co., 100 lbs. 1.25 - —
Oleate, bbls.....lb. .44 Nom.
Oxide,[6] black, kgs.....lb. 1.84 - —
Phosphate, feed grade, 34% Co., 100 lbs..lb. 1.75 - —
Resinate, fused A, bbls.....lb. .15 - —
1%, cobalt oxide, bbls.....lb. .15 - —
2%, cobalt oxide, bbls.....lb. .16 - —
2½%, cobalt oxide, bbls....lb. .18 - —
precip., dms., dlvd.....lb. .35½- —
Sulphate,[6] dms.....lb. .65 - —
feed grade, 21% Co.....lb. 1.00 - —
Cobalt salts, feed grade, quotations are f.o.b. Philadelphia, Cleveland, or New York.
Cobalt-Ammonium sulphate, 14% Co..100 lbs. .75 - —
Cocaine, hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .37 - .38
Teneriffe, silver, bgs.....lb. .38 - .39
Cocoa butter,[1] bulk, f.o.b. shipping point..lb. .25 - —
Cocillana bark, bgs.....lb. .20 - .21
Codeine, cns., 100 ozs.....oz. 11.70 - —
Hydrochloride, cns., 100 ozs..oz. 10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh root, black, bls.....lb. .09 - .11
blue, bls.....lb. .09 - .10
Colchicine, bots., cns.....oz. 68.00 -68.00
Colchicum seed. .....lb. No stocks
Collodion, USP, dms., 325 lbs..lb. .19½- .20½
cns., 30 lbs.....lb. .23 - .29½
flexible, USP, dms., 325 lbs..lb. .21 - .22
cns., 25 lbs.....lb. .25 - .31
Colocynth pulp, bls.....lb. .65 - .66
Colombo root, bls.....lb. .10 - .11
Coltsfoot leaves, bgs.....lb. .90 - 1.00
Condurango bark, bgs.....lb. .14 - .15
Conium leaves, bls.....lb. 1.18 - 1.20
Copaiba, balsam, Para, cns...lb. .47 - .49
S.A., USP, cns.....lb. .50 - .52
Copper acetate,[6] normal, bbls., dlvd..lb. .24 - —
smaller containers, dlvd..lb. .26 - .50
Carbonate,[6] 52-54%, bbls....lb. .19¼- .20
Chloride,[6] anhyd., bbls.....lb. .23¼- .24
regular crystals.....lb. .12 - .14¾
Cyanide,[6] tech., bbls.....lb. .34 - .38
Iodide, bots. .....lb. 5.15 - 5.19
Metal,[1,2,6] electrolytic .....lb. .12 - .12½
Nitrate, tech., cryst., bbls...lb. .16¾- .20
Oleate, precip., bbls.....lb. .22½- .25½
Oxide,[6] black, bbls., works..lb. .19½- .28½
Red, com'l, kgs.....lb. .29 - .32
Resinate, precip., bbls.....lb. .15¾- .16

Copper sulphate,[6] 99% cryst., bbls., c.l., f.o.b. works. 100 lbs. 5.15 - 5.30
l.c.l., 16-50 bbls., same basis, 100 lbs. 5.30 - —
6-15 bbls., same basis, 100 lbs. 5.40 - —
1-5 bbls., same basis.... 100 lbs. 5.65 - —
monohydrated, dms., c.l., dealers, f.o.b. works..100 lbs. 9.20 - —
l.c.l., dealers .....100 lbs. 10.20 - —
Copperas, cryst., gran., bgs., c.l., works..ton. 17.00 - —
bbls., c.l., works.....ton. 20.00 - —
l.c.l., 25 wks.....100 lbs. 1.55 - —
1-4, works .....100 lbs. 2.00 - —
bulk, c.l., works.....ton. 14.00 - —
Copra, Coast, shipment.....lb. No prices.
Coriander seed,[1] Morocco, bgs.lb. .12 - .13
Indian, bgs.....lb. .10 - .10½
Corn silk, bls.....lb. .21 - .22
Corn sugar, tanners,[7] chipped, bgs., c.l., dlvd..100 lbs. 3.62 - —
slabs, bbls., c.l.....100 lbs. 3.54 - —
Syrup, 42°, bbls., c.l.....100 lbs. 3.69 - —
43°, bbls., c.l. .....100 lbs. 3.74 - —
Corrosive sublimate,[6] cryst., dms., 50 lbs. or more..lb. 2.89 - —
gran., powd., dms., 50 lbs. or more..lb. 2.94 - —
Cottonroot bark, bls.....lb. .12 - .13
Cottonseed, hull ash,[1] 32-36% potash, bgs., dlvd. unit-ton. 1.00 - —
meal, 8%, Southeast mills, March delivery..ton. 38.00 - —
Coumarin, 25-lb. cns.....lb. 2.75 - —
1-lb. cns. .....lb. 2.90 - —
1-oz. cns. .....lb. 3.25 - —
less than 5, cns.....lb. 4.15 - 4.65
Cramp bark, NF, bls.....lb. .60 - .65
Cranesbill root, bls.....lb. .18 - .19
Cream of tartar, USP, gran. or powd., bbls., 5,000 lbs. one ship't..lb. .57½- —
smaller lots, bbls.....lb. .58 - —
kgs. .....lb. .58½- —
Creosote, beechwood, chys., dms., bots. .....lb. .55 - —
hardwood, USP, bots.....lb. 1.04 - —
Pine, dms. .....gal. .60 - .77
Carbonate, bots., chys.....lb. .28 - —
Oil, crude, tanks, works...gal. 2.10 - 2.89
Coaltar, solution, tanks, works, gal. .15¼- —
refd., bbls., l.c.l., works.gal. .141 - —
tanks, works .....gal. .26 - —
Cresol,[6] special resin grade, dms., c.l., works, frt. equald..lb. .18 - .18¼
l.c.l., same basis.....lb. .09¼- —
tanks, same basis.....lb. .10 - —
Cresol, USP, dms., c.l., works, frt. equald..lb. .08¾- —
l.c.l., same basis.....lb. .10¾- —
tanks, same basis.....lb. .11¼- —
Crotonaldehyde, 97% 55 and 110 gals., l.c.l., works..lb. .10 - —
5 and 10-gal. dms., works.lb. .15 - —
Cryolite, syn., c.l., frt. alld. E. of Miss. River..lb. .18 - —
l.c.l., works.....lb. .06¼- —
natural, c.l. .....100 lbs. .06¾- —
l.c.l. .....100 lbs. 9.50 - —
Cube root,[2,6] powd., 5% rotenone, bbls., f.o.b. N.Y.C..lb. 10.00 - —
4% rotenone prices are 4c. per lb. less.
granular, fertilizer grade for mixing purposes, 20.6% N, bulk, Niagara Falls, Ont.. unit-ton. 1.82½- —
Cyanide-chloride, mixture,[6] 45%, gran., dms..lb. 1.62½- —
lump, dms. .....lb. .10¾- —
75%, gran., dms. .....lb. .09¾- —
Cyclohexane, 98-100%, dms., wks. lb. .15 - —
Cyclohexanol, 98-100%, dms., wks. lb. .16 - —
Cyclohexanone, 98-100%, dms., works..lb. .28 - —
Cyclopropane, USP, cyls., dlvd.. gal. .32 - —

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Damiana leaves, bls.....lb. .27 - —
Dandelion root, bls.....lb. .15 - .16
Decanol, normal, tech., 300 lbs., dms., dlvd..lb. .28 - .29
Deertongue leaves, bls.....lb. .35 - —
Degras,[8] common, dom., bbls..lb. .21 - .22
neutral, dom., bbls.....lb. .10 - .12
Derris root,[2,6] powd., 5% rotenone, bbls., f.o.b. N. Y..lb. .35 - —
4% rotenone prices are 4c. per lb. less.
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 4.25 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.35 - —
corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 4.00 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.20 - —
white, bgs., c.l., Chi..100 lbs. 3.95 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.15 - —
potato, dom., bgs., c.l.....lb. .10 - —
l.c.l., bgs.....lb. .10¼- .11¾
Diacetone (see under Alcohol).
Diacetyl, bots.....lb. 9.50 -11.00
Diamyl ether (see Amyl Ether).
Phthalate,[6] dms., c.l., dlvd..lb. .2170- .2200
l.c.l., dlvd.....lb. .2220- .2250
tanks, dlvd.....lb. .2070- .2100
Diamyl sulphate, l.c.l., dms., works..lb. .25 - —
Diamylamine, dms., c.l., wks..lb. .61 - —
l.c.l., works.....lb. .64 - —
Diamylene, dms., c.l., works..lb. .102 - —
l.c.l., works.....lb. .112 - —
tanks, works.....lb. .093 - —
Diamylnaphthalene, dms., l.c.l., works..lb. .17 - —
Diamylphenol, 2:4, dms., c.l., works..lb. .18 - —
l.c.l. .....lb. .21 - —
Diatomaceous earth, dom., natural, bgs., c.l., f.o.b. Pacific Coast..ton. 22.00 -25.00
l.c.l., ex whse.....ton. 45.00 - —
Diatomaceous earth, purified, bgs., c.l., f.o.b. Atlantic seaboard..ton. 55.00 -59.00
l.c.l., ex whse.....ton. 85.00 -90.00
chemically pure, bgs., c.l., f.o.b. Atlantic seaboard..lb. .07 - —
l.c.l., ex whse.....lb. .10 - .16
Import, Algerian, bgs., c.l., c.i.f...ton. No prices
Mexican, white, bgs., c.l., c.i.f., lb. .02 - .03
l.c.l. .....lb. .04 - .06

Dibutyl ether (see Ether, butyl).
Phthalate,[2,6] dms., c.l., dlvd..lb. .2000- .2070
l.c.l., dlvd.....lb. .2050- .2120
tanks, dlvd.....lb. .1900- .1970
cns., works.....lb. .23½- —
Sebacate, dms., works.....lb. .45 - .47
Tartrate, dom., dms.....lb. .92 - 1.02
Dibutylamine, dms., c.l., works, lb. .61 - —
Diacalcium phosphate (see Calcium phosphate dibasic).
Dichloroethyl ether,[6] dms., c.l., works..lb. .15 - —
l.c.l. .....lb. .16 - —
tanks .....lb. .14 - —
Diethylaniline, dms.....lb. .40 - —
Diethyl carbonate, com'l, dms..lb. .25 - —
refd., 99%, dms.....lb. .30 - —
Oxalate, dms., c.l., dlvd.....lb. .3020- —
l.c.l., dlvd.....lb. .3070- —
Phthalate,[6] dms., c.l., dlvd..lb. .2150- .2170
l.c.l. .....lb. .2170- .2220
tanks .....lb. .2020- .2250
Sulphate, dms., c.l., works...lb. .15 - —
l.c.l., works.....lb. .14 - —
tanks .....lb. .12 - —
Diethylamino ethanol,[6] l.c.l., dms., works, frt. alld. E. of Miss. River..lb. .75 - —
Diethyleneglycol,[6] dms., c.l., wks., lb. .14 - —
l.c.l., works.....lb. .15½- —
Monobutylether, dms., works..lb. .22½- .24½
Diethyleneglycol monoethylether, dms., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks, works.....lb. .13½- —
Digitalis leaves, dms.....lb. .25 - .26
Diglycol laurate, dms.....lb. .31 - .33
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .23 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Dillseed, cleaned, bgs.....lb. .09¼- .09¾
Dimethyl phthalate,[6] dms., c.l., dlvd..lb. .1970- .2000
l.c.l., dlvd.....lb. .2020- .2050
tanks, dlvd.....lb. .19 - —
Dimethylamine, dms., c.l., dlvd..lb. .55 - —
l.c.l., dlvd.....lb. .60 - —
Dimethylaniline, dms., c.l.....lb. .23 - —
l.c.l., dms.....lb. .24 - —
Dinitrobenzene, bbls., 30° min..lb. .18 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .18 - —
oily, dms.....lb. .05 - —
Diorthotoluoylguanidin,[6] dms., 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dioxan, dms., c.l., frt. alld.....lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms.....gal. .59 - .61
tanks .....gal. .51 - —
dest., dist., dms.....gal. .55 - .58
tanks .....gal. .45 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, dms..lb. .43 - .45
cns. .....lb. .48 - .50
Diphenylamine,[6] bbls.....lb. .25 - —
Diphenylguanidin,[6] dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Dimethylethyl carbinol (see Carbinol).
Divi-Divi,[6] Colombian.....ton. 80.00 - —
Venezuelan .....ton. 80.00 - —
Doggrass root, imp., cut, NF, bls..lb. .50 - 1.50
domestic, bls. .....lb. .36 - .45
Dogwood bark, Jamaica, bls....lb. .07 - .09
Dover's powder, USP, cns....lb. 2.75 - 2.80
Dragon's blood, reeds, cs.....lb. .95 - 1.00
Dyes, coaltar (certified colors) for foods, drugs and cosmetics:—
Blue, FD&C blue, No. 1, cns..lb. 13.50 - —
FD&C blue, No. 2, cns....lb. 13.50 - —
Green, FD&C green, No. 2, cns, lb. 17.50 - —
FD&C green, No. 3, cns....lb. 27.50 - —
FD&C blue, No. 2, cns....lb. 13.50 - —
Orange, FD&C orange, No. 1, cns..lb. 2.90 - —
FD&C orange, No. 2, cns..lb. 3.65 - —
Red, FD&C red, No. 1, cns..lb. 6.00 - —
FD&C red, No. 2, cns.....lb. 3.15 - —
FD&C red, No. 3, cns.....lb. 17.50 - —
FD&C red, No. 4, cns.....lb. 5.75 - —
FD&C red, No. 32, cns....lb. 4.15 - —
Yellow, FD&C yellow, No. 1, cns..lb. 6.50 - —
FD&C yellow, No. 3, cns..lb. 2.65 - —
FD&C yellow, No. 4, cns..lb. 2.65 - —
FD&C yellow, No. 5, cns..lb. 3.15 - —
FD&C yellow, No. 6, cns..lb. 3.15 - —
Dyes, coaltar (certified colors). for drugs and cosmetics:—
Black, D&C black, No. 1....lb. 3.25 - —
Blue, D&C blue, No. 6.....lb. 13.50 - —
Brown, D&C brown, No. 1, cns, lb. 12.25 - —
Dyes, coaltar (certified colors), for drugs and cosmetics:—
Green, D&C green, No. 5, cns, lb. 12.25 - —
D&C green, No. 6, cns..lb. 12.25 - —
Orange, D&C orange, No. 4, cns..lb. 8.25 - —
D&C orange, No. 4, cns....lb. 15.25 - —
D&C orange, No. 10, cns...lb. 15.25 - —
D&C orange, No. 12, cns...lb. 17.25 - —
Red, D&C red, No. 8.....lb. 6.00 - —
D&C red, No. 17.....lb. 3.25 - —
D&C red, No. 18.....lb. 13.25 - —
D&C red, No. 19, cns.....lb. 15.25 - —
D&C red, No. 22, cns.....lb. 3.25 - —
D&C red, No. 33, cns.....lb. 13.25 - —
D&C red, No. 37, cns.....lb. 12.25 - —
Yellow, D&C yellow, No. 7, cns..lb. 3.25 - —
D&C yellow, No. 8, cns...lb. 3.25 - —
D&C yellow, No. 11.....lb. 10.25 - —
Dyes, coaltar (certified colors). for external use drugs and cosmetics:—
Blue, Ext. D&C blue, No. 1, cns..lb. 12.25 - —
Green, Ext. D&C green, No. 1, cns..lb. 12.25 - —
Red, Ext. D&C red, No. 1, cns..lb. 10.25 - —
Ext. D&C red, No. 3.....lb. 21.25 - —
Ext. D&C red, No. 5.....lb. 7.25 - —
Ext. D&C red, No. 10, cns.lb. 12.25 - —
Ext. D&C red, No. 13, cns.lb. 12.25 - —
Yellow, Ext. D&C yellow, No. 1, cns..lb. 8.25 - —
Dyes, coaltar, for general uses (numbers are those of Colour Index Scale):—
36 Chrome yellow 2G....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
83 Victoria violet.....lb. .60 - 1.00
165 Lake red C.....lb. .70 - .80
170 Fast red A[6].....lb. .55 - .60
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste....lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
Sulphur tan .....lb. .20 - .50
202 Chrome blue black U.lb. .35 - .42
204 Chrome black A.....lb. .42 - .45
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .90
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .85 - .88
307 Fast cyanin black B..lb. .80 - .85
326 Direct cast scarlet....lb. 2.00 - 2.25
304 Paper yellow .....lb. .83 - .89

Dyes, coaltar, for general uses (number are those of Colour Index Scale):—

365	Chrysophenin G	lb.	.58	- .70
382	Direct scarlet B	lb.	1.15	- 1.20
394	Direct violet N	lb.	.80	- .85
397	Direct violet B	lb.	1.00	- 1.30
401	Developed black BHN,	lb.	.45	- .60
406	Direct blue 2B	lb.	.66	- .70
415	Direct orange R	lb.	.60	- .70
419	Direct fast red F	lb.	.70	- .73
420	Direct brown M	lb.	.55	- .57
448	Benzo purpurin 4B	lb.	.65	- .67
495	Benzo purpurin 10B	lb.	.40	- .50
502	Direct azcrin G	lb.	.75	- .80
512	Direct blue RD	lb.	.80	- 1.00
518	Direct pure blue 6B	lb.	1.20	- 1.30
520	Direct pure blue	lb.	.50	- 1.00
529	Direct fast black FF	lb.	.55	- 1.00
561	Direct black EW	lb.	.50	- .54
562	Direct black RX	lb.	.35	- .45
592	Direct green B	lb.	.50	- .55
594	Direct green G	lb.	.50	- .55
596	Direct brown 3GO	lb.	.85	- 1.00
620	Direct yellow R	lb.	1.25	- 1.50
696	Acid violet	lb.	1.00	- 3.00
812	Primulin	lb.	.70	- .73
814	Direct fast yellow	lb.	2.00	- 2.25
845	Nigrosin (water soluble),	lb.	.35	- .50
1177	Indigo, 20% paste	lb.	.15	- .18
	Benzo fast black L	lb.	.90	- 1.00
	Sulphur black	lb.	.20	- .25
	Sulphur blue	lb.	.45	- 1.00
	Sulphur brown	lb.	.25	- .50
	Sulphur maroon	lb.	.40	- —
	Sulphur olive	lb.	.25	- .54
	Sulphur yellow	lb.	.30	- .50
	Zambesi black	lb.	.75	- .80

Black:—

865	Nigrosin derivatives	lb.	.36	- .44

Blue:—

1075	Alizarin astral base	lb.	15.00	- —
1078	Alizarin cyanin green base	lb.	6.00	- —

Brown:—

	Brown	lb.	1.15	- —

Green:—

1078	Alizarin cyanin green	lb.	5.00	- —
	Green	lb.	.75	- —

Orange:—

24	Sudan I	lb.	.75	- —
	Red shade	lb.	.75	- —

Red:—

75	Sudan II	lb.	1.65	- —
258	Sudan IV	lb.	.95	- —
749	Rhodamine B (oil pink),	lb.	2.50	- —
1080	Anthraquinone,[4] violet base	lb.	6.00	- —
680	Oil violet	lb.	.80	- —

Yellow:—

15	Amidoazobenzene yellow	lb.	.90	- —
17	Amidoazotoluene yellow,	lb.	.75	- —
61	Yellow OB	lb.	1.40	- 2.00

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers' works or warehouse).

Black:—

246	Naphthol blue black S	lb.	.50	- —
873	Methylene gray	lb.	1.50	- —
729	Victoria blue B	lb.	1.85	- —
861	Indulin	lb.	.87	- —
909	New blue P	lb.	1.30	- —
922	Methylene blue	lb.	1.00	- —
1054	Alizarin saphirol B	lb.	1.90	- —
1180	Indigotin IA	lb.	.85	- —

Blue:—

714	Patent blue A	lb.	1.05	- 1.10

Brown:—

234	Resorcin brown Y	lb.	.65	- —
235	Resorcin dark brown R,	lb.	.68	- —
231	Bismarck brown G	lb.	.47	- .62
332	Bismarck brown R	lb.	.47	- .62
798	Phosphin	lb.	4.65	- —

Green:—

5	Naphthol green B	lb.	1.00	- —
657	Malachite green	lb.	1.35	- —
662	Brilliant green	lb.	2.00	- —
666	Guinea green B	lb.	1.15	- —
737	Wool green S	lb.	.58	- —
924	Methylene green B	lb.	1.55	- —
1078	Alizarin cyanin green	lb.	2.00	- —

Orange:—

10	Chrysoidin G	lb.	.44	- —
21	Chrysoidin R	lb.	.41	- —
27	Orange G	lb.	.50	- —
151	Orange Y	lb.	.31	- .33
161	Orange R	lb.	.34	- —
31	Amidonaphthol red G	lb.	.42	- —
37	Amidonaphthol red 6B,	lb.	.68	- —

Red:—

79	Popceau R	lb.	.48	- —
88	Fast red B	lb.	1.05	- —
176	Fast red A	lb.	.84	- —
179	Azorubin	lb.	.60	- —
183	Crocein scarlet 3BX	lb.	.72	- .75
185	Cochineal red A	lb.	.60	- —
282	Brilliant crocein M	lb.	.68	- —
677	Fuchsin	lb.	2.10	- —
749	Rhodamine B	lb.	8.50	- —
752	Rhodamine 6B	lb.	4.50	- —
768	Eosin G	lb.	1.50	- —
841	Safranin	lb.	1.45	- —

Violet:—

680	Methyl violet B	lb.	.75	- —
681	Crystal violet C	lb.	1.75	- —
695	Acid violet 4BN	lb.	.88	- —

Yellow:—

10	Naphthol yellow S	lb.	.88	- —
138	Metanil yellow	lb.	.56	- .58
636	Fast light yellow	lb.	1.25	- —
650	Xylene light yellow	lb.	1.15	- —
640	Tartrazin	lb.	.80	- —
655	Auramine	lb.	1.27	- —

Dyes, coaltar, for stains, water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers' works or warehouse).

Black:—

864	Nigrosin	lb.	.36	- .44

Blue:—

860	Indulin	lb.	.60	- .70

Brown:—

331	Bismarck brown	lb.	1.50	- —

Green:—

637	Malachite green base	lb.	2.00	- —

Orange:—

20	Chrysoidin G	lb.	.95	- —
21	Chrysoidin R	lb.	.96	- —

Red:—

677	Fuchsin, magenta, base,	lb.	7.25	- —
749	Rhodamine B	lb.	4.75	- —

Yellow:—

67	Amidoazotoluene yellow,	lb.	.75	- —
655	Auramine	lb.	2.00	- —
800	Chinolin yellow SS	lb.	2.00	- —

Violet:—

680	Methyl violet base	lb.	.85	- —

Dyes, natural (see name of article).

E

	Echinacea root, bls.	lb.	.19	- .23
	Egg albumen (see Albumen), yolk, dried, dom., bbls.	lb.	1.00	- 1.10
	imported	lb.	1.00	- 1.10
	Alder flowers, bright, bls.	lb.	.59	- .60
	Elecampane root, bls.	lb.	.18	- .19
	Elm bark, grinding, bls.	lb.	.14	- .15
	powd., bbls., bxs.	lb.	.20	- .21
	select, bndls.	lb.	.19	- .20
	Emetine hydrochloride, bots.	oz.	21.00	- 33.00
	Ephedra, bls.	lb.	.21	- .22
	Ephedrine, natural, USP, anhydrous, bots.	oz.	1.15	- 1.65
	Hydrochloride or sulphate, tins	oz.	.95	- 1.45
	synth, USP, hemihydrate, bots., 100 ozs. or more	oz.	.65	- —
	anhyd., bots., 100 ozs. or more	oz.	.65	- —
	Hydrochloride, tins, 100 ozs. or more	oz.	.50	- —
	Sulphate, cryst., tins, 100 ozs. or more	oz.	.48	- —
	Epsom salt, tech., bgs.	100 lbs.	1.80	- —
	bbls.	100 lbs.	1.90	- —

Epsom salt prices on technical and USP are on the basis of freight equalized with Balto., Carteret, N. J., Chicago, Cincinnati, Cleveland, Houston, New Orleans, New York.

	USP, cryst., dom., bgs., c.l.,	100 lbs.	2.00	- —
	l.c.l., 5,000 lbs., 1 withdrawal	100 lbs.	2.25	- —
	smaller lots	100 lbs.	2.50	- —
	bbls., c.l.	100 lbs.	2.10	- —
	l.c.l., 5,000 lbs., 1 withdrawal	100 lbs.	2.35	- —
	smaller lots	100 lbs.	2.60	- —
	kgs., c.l.	100 lbs.	2.35	- —
	l.c.l., 5,000 lbs., 1 withdrawal	100 lbs.	2.60	- —
	smaller lots	100 lbs.	2.85	- —
	dried, bgs., l.c.	lb.	.08	- .09
	Ergot, USP, dms., ton lots	lb.	1.10	- 1.35
	smaller lots	lb.	1.35	- 1.40
	Esserine, bots.	oz.	No prices.	
	smaller lots	lb.	1.15	- 1.40
	Sulphate, bots.	oz.	41.00	-48.00
	Ether, acetic (see Ethyl acetate).			
	Amyl (see Amyl, ether).			
	Butyl, l.c.l., dms., divd.	lb.	.30	- —
	Ether, ethyl (see Ether, sulphuric).			
	Nitrous, conc., bot., 100 lbs.,	lb.	.93	- 1.10
	Sulphuric, conc., 310-lb. dms.,	lb.	.11	- —
	27-lb. dms.	lb.	.15½	- .16
	USP, anaesthesia, hospitals,	1-lb. cns.	.60	- .61
	Synth., dms., c.l., works	lb.	.14½	- —
	l.c.l. works	lb.	.15½	- —
	tanks	lb.	.12½	- —
	Ethyl acetate,[2] 85-90%, dms.,	c.l., frt. alld.	.1170	- .1200
	l.c.l., frt. alld.	lb.	.1220	- .1250
	tanks, frt. alld.	lb.	.1070	- .1100
	95-98%, dms., c.l., frt. alld.	lb.	.12¼	- .13¼
	l.c.l., frt. alld.	lb.	.12¾	- .13¾
	tanks, frt. alld.	lb.	.11¼	- .12¼
	NF, 390-lb. dms.	lb.	.14½	- .15½
	Acetoacetate, dms., c.l., wks.	lb.	.37½	- —
	l.c.l., frt. alld.	lb.	.38	- —
	Benzoate, bots.	lb.	.90	- 1.00
	Ethyl, bromide, tech., dms.	lb.	.50	- .55
	Caproate, cns.	lb.	1.30	- 1.40
	Chloride, dms.	lb.	.18	- .20
	Cinnamate, cns.	lb.	3.50	- 3.65
	Formate, cns., dms.	lb.	.27½	- .90
	Iodide, bots.	lb.	3.50	- 3.60
	Lactate, 55-gal. dms., works.	lb.	.33½	- —
	5-gal. dms., works.	lb.	.37½	- .39½
	Myristate, dms., works.	lb.	.55	- —
	Oleate, dms., works.	lb.	.47	- —
	Oenanthate, dms.	lb.	.75	- 1.25
	Oxalate, dms., frt. alld.	lb.	.33	- —
	Oxyhydrate, bots.	gal.	7.50	- 8.00
	Silicate, l.c.l., dms., works.	lb.	.77	- —
	Vanillin, 25-lb. lots, cns.	lb.	5.25	- 6.00
	5-lb. lots, cns.	lb.	5.30	- 6.05
	1-lb. lots, cns.	lb.	5.40	- 6.15
	Ethylcellulose,[6] sta., pkgs., 5,000 lbs. or more, works	lb.	.50	- —
	less than 5,000 lbs., same basis	lb.	.52	- .60
	Ethyldiethanolamine, l.c.l., dms., works	lb.	.80	- —
	Ethylethanolamine, dms., c.l., works	lb.	.57	- —
	l.c.l., works	lb.	.60	- —
	Ethylene, dichloride,[2] dms., c.l., works, E. of Rockies, frt. alld.	lb.	.0842	- —
	West of Rockies, same basis	lb.	.0891	- —
	l.c.l., works, E. of Rockies, frt. alld.	lb.	.0891	- —
	West of Rockies, same basis	lb.	.0941	- —
	tanks, same basis, E. of Rockies	lb.	.0743	- —
	W. of Rockies	lb.	.0792	- —
	Ethyleneglycol[6] dms., c.l.	lb.	.15½	- —
	l.c.l.	lb.	.16½	- —
	tanks	lb.	.14½	- —
	Monobutylether, dms., c.l., wks.	lb.	.16½	- —
	l.c.l., works	lb.	.17½	- .20½
	tanks, works	lb.	.15½	- —
	Ethyleneglycol monoethylether, dms., c.l., works	lb.	.14½	- —
	l.c.l., works	lb.	.15½	- .16½
	tanks, works	lb.	.13½	- —
	monethylether, acetate, dms., c.l., works	lb.	.11½	- —
	l.c.l., dms.	lb.	.12½	- .15½
	tanks, works	lb.	.10½	- —
	Ethyleneglycol monomethylether, dms., c.l., works	lb.	.15½	- —
	l.c.l., works	lb.	.16½	- —
	tanks, works	lb.	.14½	- —
	Ethylmorphine hydro chloride, bots., 5 ozs.	oz.	10.75	- —
	cns., 25 ozs.	oz.	10.55	- —
	Ethylidinanilin, dms.	lb.	.45	- .47½
	Ethylmonoethanolamine, l.c.l., dms., works	lb.	.80	- —

"I've got to get this back to Dow"

YES! IT'S URGENT—HANDLE DRUMS CAREFULLY—RETURN PROMPTLY

We know you are fully aware of the urgent need for drums and other chemical containers. But again we call to your attention these important points:

- Drums now in circulation *are all there are! Make them last!*
- Handle drums carefully—*don't drop or mishandle.*
- Keep drums under cover—*store in dry places.*
- Replace plugs carefully—*don't strip threads.*
- Keep drums clean—*don't use for other materials.*
- Empty or half-filled drums standing in warehouses, yards or shipping platforms serve only the enemy.
- *So Send Them Back to Dow Today!*

THE DOW CHEMICAL COMPANY, MIDLAND, MICHIGAN

New York • St. Louis • Chicago • Houston • San Francisco • Los Angeles • Seattle

DOW

CHEMICALS INDISPENSABLE TO INDUSTRY AND VICTORY

Eucalyptol, cns., dms.....lb. 2.00 - 2.50
Eucalyptus, leaves, bls.....lb. .10 - .13
Eugenol, cns., dms.....lb. 2.65 - 3.25
Euphorbia, bls.....lb. .12 - .13

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -17.50
l.c.l., minimum 2 tons...ton.17.00 -20.50
glass, 20 mesh, bulk, works.ton. 9.75 -12.25
l.c.l., minimum 2 tons...ton.12.75 -16.25
pottery, bulk, Me., works...ton.17.00 -19.00
N.C., works.....ton.17.00 -19.00
l.c.l., min. 2 tons..ton.20.00 -22.00
Fennel seed, Indian, bgs.....lb. .09 - .09½
Fenugreek seed, bgs.....lb. .08¾- .09¼
Ferric, sulphate, anhyd., c.l., works..ton.35.00 - —
l.c.l.....ton.40.00 - —
Film scrap, colored, cs., 50 lbs. or over, works..lb. .13¼- .14
smaller lots, works...lb. .15 - —
water white,[4] cs., 50 lbs. or over, works..lb. .14½- .15
smaller lots, works.....lb. .17 - —
Fir, balsam, Canada, cns....gal.19.00 -20.00
Oregon, bbls.....gal. 1.85 - 2.25
Fish berries, bgs.....lb. .24 - .25
Fish[1] meal, grd., 60% protein, bgs., East Coast fish factories..ton.72.50 - —
65% protein, same basis..ton.78.50 - —
scrap, menhaden, new catch, dried, 60% protein, bulk, East Coast fish factories.ton.66.50 - —
meal, scrap, acid, 6-7% ammon., 3% a.p.a., bulk, Carolina and Florida fish factories..unit-ton. No prices
Long Island fish factories, unit-ton. No prices
Flake white, dom., bbls.....lb. .09 - —
kegs.....lb. .11 - —
Fleaseed, French, black, bgs...lb. .65 - .70
Indian, blonde, bgs.....lb. .12½- .13
Fluorspar, dom.,[1] No. 1 ground, 98-98%, bulk, c.l., f.o.b. mines..net ton.33.00 - —
bgs., c.l., f.o.b. mines.ton.36.20 - —
washed gravel, 85.5%, f.o.b. Ky. and Ill.-Ky. mines..net-ton.25.00 -28.00
No. 2 lump or washed gravel, 85.5%, c.l., f.o.b. Ky. and Ill. mines, or barge delivery, Ohio River landings....ton.25.00 -28.00
Formaldehyde,[4,6] bbls., c.l., works..lb. .0550- .0575
l.c.l., works.....lb. .06 - .0625
dms., c.l., works.....lb. .0515- .0540
l.c.l., works.....lb. .0563- .0590
tanks.....lb. .04 - .04½
Formaldehyde prices are under 4¼c. to 9½c. OPA ceiling.
Fringetree bark, bls.....lb. .30 - .40
Fuller's earth, dom., powdered, bgs., c.l., f.o.b. Fla., Ga., mines..ton. 8.50 -15.00
f.o.b. Tex. mines.....ton.12.50 - —
imp., c.l., bgs.....ton.30.00 -40.00
Fumitory herb, bls.....lb. .58 - .60
Furfural,[6] ref., dms., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17½- .25
tech., dms., contracts, 150,000 lbs..lb. .10 - —
dms., c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, crude, dms., wks...gal. .75 - —
refd., dms., incl., dlvd....lb. .18½- .19½
Fustic, crystl., bags, No. 1....lb. .32 - —
No. 2.....lb. .30 - —
No. 3.....lb. .28 - —
extract, bbls., No. 1.....lb. .16 - —
No. 2.....lb. .15 - —
No. 3.....lb. .12½- —

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .28 - .30
Gambier, common, cases.....lb. No prices.
plantation, cases.....lb. No prices.
cubes, Singapore, cases...lb. .30 Nom.
extract, bbls.....lb. .09½- .12
Gasoline[1] at refinery:—
Arkansas, US motor, 72-74 octane, leaded, tanks, car lots, ex tax..gal. .06 - —
Bayonne, US motor, 65 octane, tanks, ex tax..gal. .0895- —
72-74 octane, ex tax....gal. .092 - —
California 78 octane at refineries, tanks..gal. .075 - —
Gulf Coast, US motor, 72-74 octane, tanks, ex tax..gal. .05¾- —
80 octane, tanks.....gal. .06½- .07
Group 3, 72-74 octane, tanks, gal. .05¾- .06
80 octane, tanks.....gal. .06½- .07
Oklahoma-Texas, US motor, 72-74 octane, tanks, ex tax, gal. .05½- .06
natural, 26-70, Group 3, tanks..gal. .03¾- —
Gelatin, silver, cs.....lb. .90 - .97
Gelsemium root, bls.....lb. .15 - .19
Gentian root, bls.....lb. .48 - .49
grd., bbls., bxs.....lb. .53 - .54
powd., bbls., bxs.....lb. .54 - .55
Geraniol, 92-96%, cns., dms...lb. 3.50 - 4.50
Ginger,[1] African, No. 1, bls...lb. .28 - .29
Calicut, bgs.....lb. .25½- .26
Cochin, bleached, bgs.....lb. .26 - .27
unbleached, bgs.....lb. .25½- .26
Jamaica, No. 1, bgs.....lb. .39½- .40
No. 2, bgs.....lb. .29 - .30
No. 3, bgs.....lb. .27¼- .27¾
Ginseng root, wild South, cs..lb.12.00 -13.00
Glauber's salt, anhyd. (see Soda Sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. 1.05 - 1.35
5 tons or over, works.. 100 lbs. 1.15 - 1.35
less than 5 tons, works.. 100 lbs. 1.25 - 1.45
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs. c.l., East of Midwest..lb. .16 - —
l.c.l.....lb. .17 - —
30/58, bgs., c.l.....lb. .15½- —
l.c.l.....lb. .16½- —
58/82, bgs., c.l.....lb. .17 - —
l.c.l.....lb. .18 - —
82/108, c.l.....lb. .18½- —
l.c.l.....lb. .19 - —
hide,[1] 100-121 (jelly test in grams, bgs., c.l., dlvd....lb. .14 - —
bbls., c.l., dlvd.....lb. .14½- —
122-149, bgs., c.l., dlvd....lb. .15 - —
bbls., c.l., dlvd.....lb. .15½- —
150-177, bgs., c.l., dlvd....lb. .16 - —
bbls., c.l., dlvd.....lb. .16½- —
178-206, bgs., c.l., dlvd....lb. .17 - —
207-236, bgs., c.l., dlvd....lb. .18 - —
237-266, bgs., c.l., dlvd....lb. .19 - —
bbls., c.l., dlvd.....lb. .19½- —
267-296, bgs., c.l., dlvd....lb. .20 - —
bbls., c.l., dlvd.....lb. .20½- —
299-330, bgs., c.l., dlvd....lb. .21 - —
bbls., c.l., dlvd.....lb. .21½- —
331-362, bgs., c.l., dlvd....lb. .22 - —
bbls., c.l., dlvd.....lb. .22½- —
Glue, hide, 363-394, bgs., c.l., dlvd..lb. .23 - —
bbls., c.l., dlvd.....lb. .23½- —
395-427, bgs., c.l., dlvd....lb. .24 - —
bbls., c.l., dlvd.....lb. .24½- —
428-460, bgs., c.l., dlvd....lb. .25 - —
bbls., c.l., dlvd.....lb. .25½- —
461-494, bgs., c.l., dlvd....lb. .26 - —
bbls., c.l., dlvd.....lb. .26½- —
495-529, bgs., c.l., dlvd....lb. .27 - —
bbls., c.l., dlvd.....lb. .27½- —

Hide glue transportation charges in excess of 75c. per hundredweight may be added. Prices are those established for sale by producers; prices for glue sold by jobbers are 2c. to 3½c. per pound higher according to grade. Less car lot prices are 1c. per pound higher than car lot. Maximum prices for chrome glue and coney glue in carload lots, wherein the jelly test in grams is 267 or higher, are 2c. per pound higher than the prices established above, while those for these glues, wherein the jelly test is below 267, are 1c. per pound higher than the above prices.

Glycerin,[1,6] Zones A and C, C.P.,[6] (B.P., 98%), drums, car lots, dlvd..lb. .18¾- —
less car lots, dlvd...lb. .19¼- —
tanks, dlvd.....lb. .18¼- —
C.P.[6] (USP 95%), drums, car lots, dlvd..lb. .18¼- —
less car lots, dlvd...lb. .18¾- —
tanks, dlvd.....lb. .18 - —
dynamite,[6] high gravity, yellow, distilled, dms., car lots, dlvd..lb. .18¼- —
less car lots, dlvd....lb. .18¾- —
tanks, dlvd.....lb. .18 - —
saponification, 88%, to refiners, dms., c.l., dlvd...lb. .12¾- —
less car lots, dlvd...lb. .12¾- —
tanks, dlvd.....lb. .12¾- —
to individual users, dms., c.l., f.o.b. point of manufacture..lb. .13¾- —
less car lots, same basis, lb. .14¾- —
tanks, same basis....lb. .12¾- —
soaplye, 80%, dms., car lots, dlvd..lb. .11½- —
less car lots, dlvd...lb. .11½- —
tanks, dlvd.....lb. .11½- —

Glycerin prices in Zone B are 2c. higher.

Zone A means all points east of and including N. Dak., S. Dak., Neb., Kansas, Omaha, Texas, Laramie County, Wyo.; Col.; east of but not including the following counties:—Jackson, Grand, Gilpin, Jefferson, Douglass, Teller, Fremont, Custer, Huerfano, and Costilla.

Zone B means the territory between Zones A and C, as follows:—Washington, east of and including the following counties:—Okanogan, Chelan, Kittitas, Yakima, Klickat; Ore., east of and including the following counties:—Hood River, Wasco, Jefferson, Deschutes, Klamath; Nev., Ariz., New Mex., that part of Col. west of and including those counties mentioned above; Utah, Wyo., excepting Laramie County; Idaho and Mont.

Zone C means the territory west of Zone B.

*Note.—Sales of glycerin to U. S. government are at prices 1c. below the above prices on C.P., and dynamite glycerin.

Glycine, medicinal, bbls., tins..lb. 1.70 - 2.00
Glycol boriborate, dms.....lb. .22 - —
Phthalate, dms.....lb. .58 - —
Stearate, dms.....lb. .26 - —
Gold of pleasure seed, bgs....lb. No stocks.
Chloride, acid, brown, bots.oz.20.75 -21.00
yellow, bots.....oz.18.75 -19.00
Gold-soda chloride, photo., bots., oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Goldenseal root, bls.....lb. 4.85 - 5.00
powd., bxs.....lb. 5.20 - 5.25
Grains of Paradise, bgs.....lb. .28 - .36
Graphite,[6] flaks (cryst.), 90%, 325 mesh, 50% graphitic, carbon, bgs., c.l., works..lb. .07 - —
bbls., c.l., works.....lb. .07¼- —
l.c.l., works.....lb. .07½- —
45% graphitic, carbon, bgs., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
bbls., c.l., works.....lb. .02¾- —
80% graphite, carbon, bgs., c.l., works..lb. .03¼- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04¼- —
Grease,[1,3] house, loose.....lb. .06¼- —
white, loose.....lb. .06¾- —
Wool (see Adeps lanae and Degras).
Green,[6] chrome, CF, dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .23 - —
6-10% bbls., same basis..lb. .24 - —
11-15%, bbls., same basis..lb. .25 - —
16-20%, bbls., same basis..lb. .25½- —
21-25%, bbls., same basis..lb. .26 - —
26-30%, bbls., same basis..lb. .26½- —
31-35%, bbls., same basis..lb. .27¼- —
36-40%, bbls., same basis..lb. .29 - —
41-45%, bbls., same basis..lb. .30½- —
46-50%, bbls., same basis..lb. .33 - —
reduced color, 3%, same basis, lb. .06¾- —
9-10%, bbls., same basis..lb. .07½- —
11-13%, bbls., same basis..lb. .08 - —
14-16%, bbls., same basis..lb. .08½- —
17-19%, bbls., same basis..lb. .08½- —
20-21%, bbls., same basis..lb. .08¾- —
22-23%, bbls., same basis..lb. .09 - —
24-25%, bbls., same basis..lb. .09¼- —
26-27%, bbls., same basis..lb. .09½- —
28-29%, bbls., same basis..lb. .10 - —
30-31%, bbls., same basis..lb. .10¼- —
32-33%, bbls., same basis..lb. .12 - —
34-35%, bbls., same basis..lb. .13 - —
36-40%, bbls., same basis..lb. .14 - —
41-45%, bbls., same basis..lb. .17 - —
46-50%, bbls., same basis..lb. .17½- —
51-55%, bbls., same basis..lb. .18 - —
56-60%, bbls., same basis..lb. .18½- —
61-65%, bbls., same basis..lb. .19 - —
66-70%, bbls., same basis..lb. .20 - —
71-75%, bbls., same basis..lb. .21 - —

Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.5c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City and Wichita, prices are equalized with Chicago.

Chrome oxide, drums, pure, works..lb. .24 - —
Tetrahydroxide, bbls.....lb. .85 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 3.75 - —
emerald, kgs.....lb. 2.60 - —
Verdigris (see V).
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .11 - .12
Guaiac resin, us.....lb. .80 - .85
strained, cs.....lb. 1.50 - 1.60
Wood, bls.....lb. .05 - .06
Guaiacol, liq., dms.....lb. 1.75 - 2.01
Carbonate, fib. dms.....lb. 2.40 - 2.74
Guarana, powd., cs.....lb. 1.20 - 1.90
Gum Accroides (see Gum yacca).
Aloe (see A).
Gum, ammoniac, tears, cs....lb. 1.20 - 1.25
Arabic, amber sorts, bgs.....lb. .16 - .17
powd., bbls.....lb. .22 - .23
white, sorts, 1, bgs.....lb. .33 - .35
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 3.00 - 3.50
Sumatra, cs.....lb. .55 - .60
Camphor (see C).
Copal[1], Congo, No. 1, unsorted. lb. .14¾- —
No. 2, unsorted.....lb. .12¾- —
No. 3, unsorted.....lb. .11¼- —
FAD, unsorted.....lb. .14¾- —
Sorted, Nos. 1 to 28, not available in New York area.
Sorted,[7] No. 30, c.l. .....lb. .55¾- .56¼
No. 31, same basis.....lb. .21¼- .21¾
No. 32, same basis.....lb. .15¾- .16¼
No. 33, same basis.....lb. .14 - .14¾
No. 34, same basis.....lb. .09¼- .09¾
No. 35, same basis.....lb. .15¾- .16¾
No. 36, same basis.....lb. .12¾- .13½
No. 37, same basis.....lb. .15½- .15¾
No. 38, same basis.....lb. .12¼- .12¾
No. 39, same basis.....lb. .10¾- .11¼
No. 40, same basis.....lb. .08 - .08¾
No. 41, same basis.....lb. .11¾- .12¼

Inside figures represent carload lot prices; outside figures less than 10-package-lot prices. On lots of 10 packages or more, prices are ¼ cent per pound higher than carload lot prices; on lots less than 10 packages, prices are ½c. per pound higher than carload lot quotations.

Manila, Boeas, hard, bold white..lb. .15½- —
amber, light.....lb. .13½- —
amber, dark.....lb. .14½- —
Macassar, WS.....lb. .11¾- —
MB.....lb. .09¾- —
MB.....lb. .09¼- —
dust.....lb. .07¾- —
Loba, A.....lb. .14 - —
B.....lb. .13¾- —
C.....lb. .13¾- —
CBB.....lb. .12 - —
CNB.....lb. .10 - —
D.....lb. .12¾- —
DBB.....lb. .11 - —
Du.....lb. .06¾- —
DK.....lb. .09½- —
dust.....lb. .07¾- —
MA.....lb. .09¾- —
MB.....lb. .09¼- —
WS.....lb. .11¾- —
Philippine, extra bold, lsis scraped..lb. .15 - —
bold, pale scraped.....lb. .15 - —
extra pale, bold, sorts..lb. .12¾- —
pale crips, bold.....lb. .13 - —
pale nubs, WCB.....lb. .13¾- —
pale small chips.....lb. .11¾- —
SG.....lb. .10½- —
seeds and dust.....lb. .08¾- —
Manila-Singapore, white split chips..lb. .15½- —
dust.....lb. .07¾- —
Pontianak, bold, scraped....lb. .22¾- —
mixed, bold.....lb. .17¾- —
nubs.....lb. .18 - —
small chips.....lb. .12¾- —
cuttings or split chips..lb. .19½- —
Dammar,[1] Batavia, A.....lb. .35¾- —
A/C.....lb. .31¼- —
A/D.....lb. .29¾- —
A/E.....lb. .25¾- —
B.....lb. .34¾- —
C.....lb. .28¾- —
D.....lb. .25¾- —
E.....lb. .18¾- —
F.....lb. .12¾- —
dust.....lb. .13¾- —
Singapore, No. 1.....lb. .30¾- —
2.....lb. .25¾- —
3.....lb. .12¾- —
chips.....lb. .23½- —
dust.....lb. .13 - —
sorts.....lb. .17¾- —
Hiroe-Macassar, bold.....lb. .17¾- —
chips.....lb. .11½- —
dust.....lb. .05½- —
nubs.....lb. .13¾- —
Pale East India-Singapore, bold..lb. .22¾- —
nubs.....lb. .16¾- —
chips.....lb. .11¾- —
dust.....lb. .05½- —
Batu, scraped.....lb. .10¼- —
unscraped.....lb. .09 - —
nubs and chips.....lb. .05¾- —
chips.....lb. .12 - —
dust.....lb. .06½- —
Black, East India, bold scraped..lb. .12 - —
bold unscraped.....lb. .07½- —
E. I., nubs and chips...lb. .07¼- —

Importers have been authorized by OPA to add to the above prices charges of approximately 8½% for freight, marine and war-risk insurance.

Gums, copal, Congo and Ponitanak are packed in bgs.; Manila copal gums are packed in baskets; dammar gums are packed in cases; East India gums are packed in bgs.; gum elemi is packed in cans. Prices are in carload lots, ex dock or ex whse., San Francisco or New York. L.c.l. prices are ¼c. to ½c. per lb. higher.

Elemi.....lb. .08¾- —
Ester, ordinary, carload lots, N. Eng., Middle Atlantic States, Va., W. Va., N. C., Ky., Ohio, Mich., Ind., Ill., Wis., St. Paul and Minneapolis, Minn., and St. Louis, Mo., f.o.b. cars, destination...lb. .09¼- —
other points.....lb. .10 - .11
10 dms., same basis.....lb. .09¾- —
other points.....lb. .10½- .11¾
single drums, same basis.lb. .10 - —
other points.....lb. .10¾- .12

Ester gum spot prices are ½c. higher.

Euphorbium, cs.....lb. 1.50 Nom.
Galbanum, cs.....lb. 1.60 - 1.65
Gamboge, pipe, cs.....lb. 2.30 - 2.35
powd., bbls.....lb. 2.50 - 2.55
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms.....lb. .14 - .33
Kauri,[1] Bush, bold.....lb. .40 - —
assorted.....lb. .35 - —
chips.....lb. .32 - —
dark.....lb. .18 - —
bright.....lb. .18 - —
white, 5X.....lb. 1.50 - —
4X.....lb. .66 - —
3X.....lb. .65¾- —
No. 1 extra.....lb. .43 - —
No. 1 superior.....lb. .41 - —
No. 2 extra.....lb. .31 - —
No. 2 superior.....lb. .31 - —
No. 3 extra.....lb. .30 - —
No. 3 superior.....lb. .22 - —
extra pale chips.....lb. .25¼- —
pale chips.....lb. .20¾- —
pale dust.....lb. .20¾- —
Brown, 3X.....lb. .77 - —
2X.....lb. .49 - —
X.....lb. .36 - —
No. 1 extra.....lb. .34 - —
No. 1 superior.....lb. .31 - —
No. 2 extra.....lb. .30 - —
No. 2 superior.....lb. .27½- —
No. 3.....lb. .23 - —
chips extra.....lb. .18 - —
chips 80%.....lb. .16 - —
Gum, kauri, brown, nubs.....lb. .24 - —
dust.....lb. .12½- —

Gum Kauri prices are for carload lots, packed in cases, ex dock or ex whse. San Francisco or New York. L.c.l. prices are ¼c. to ½c. per pound higher. On arrivals of gum kauri since June 1, importers have been authorized by OPA to add to the above prices charges of approximately 8½% for freight, marine and war-risk insurance.

Locust bean, powd., bbls....lb. 1.25 Nom.
Mastic, cs.....lb. 3.65 -Nom.
Myrrh, USP, cs.....lb. .75 - .76
Olibanum, siftings, cs.....lb. .11½- .13
tears, cs.....lb. .18 - .35
Opium (see O).
Red gum (see Gum, accroides).
Rosin (see R).
Sandarac,[1] cks.....lb. .97½- —
Scammony, cs.....lb. 1.30 - 1.35
Talita, bgs.....lb. .10 - .11
Tragacanth, No. 1, cs.....lb. 4.00 - 4.25
No. 2, cs.....lb. 3.75 - 4.00
No. 3, cs.....lb. 1.10 - 1.20
Yacca,[1] red gum, coarse....lb. .06 - —
powdered.....lb. .07¼- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.22.65 - —
Medicine Lodge, Kan., frt. equald..ton.17.00 - —
Harlem River, N. Y., frt. equald..ton.28.25 - —
New Brighton, N. Y., frt. equald..ton.28.25 - —
Southard, Oklahoma, frt. equald..ton.17.00 - —
Sweetwater, Texas, frt. equald..ton.21.45 - —
Plaster of paris, paper bgs., f.o.b. Blue Rapids, Kans., frt. equald..ton.12.50 - —
Acme, Tex., frt. equald.ton.12.50 - —
Harlem River, N. Y., frt. equald..ton.13.00 - —
Medicine Lodge, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.13.00 - —
Southard, Oklahoma, frt. equald..ton.12.50 - —
Sweetwater, Texas, frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Tex., Akron, N.Y., Blue Rapids, Kansas; Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; Harlem River, N. Y.; National City, Mich.; New Brighton, N. Y.; Plasterco, Ga.; Portsmouth, N. H.; Roton, Texas; Southard Okla.; Sweetwater, Texas: frt. equald..ton. 8.00 - —
Saltville, Va.....ton. 9.00 - —
Terra Alba, dom., paper bags, c.l., f.o.b. New Brighton, N. Y.; Southard, Okla..ton.12.00 - —
Harlem River, N.Y..ton.12.00 - —

H

Hawthorn berries, bgs.....lb. 1.10 - 1.13
Heliotropin, cryst., cns.....lb. 4.00 - 4.50
Hellebore, white, powd., bbls..lb. .46 - .47
Helonias root, bls.....lb. .82 - .83
Hematine, cryst., bgs., No. 1..lb. .34 - —
No. 2.....lb. .30 - —
No. 3.....lb. .28 - —
No. 4.....lb. .26 - —
No. 5.....lb. .24 - —
paste, bxs., No. 1.....lb. .14½- —
No. 2.....lb. .13½- —
No. 3.....lb. .12½- —
Hemlock bark extract,[6] 25% tan, c.l., bbls., works..lb. .0385- —
tanks, works.....lb. .0325- —
Hempseed, Manchur., bgs.....lb. .25 - .26
Henbane leaves, bbls.....lb. 1.65 - 1.70
Henna leaves, bls.....lb. .18 - .19
powd., bbls., bxs.....lb. .23 - .24
Heptane,[1] 56°-100° C, industrial grade, dms., l.c.l., Group 3..gal. .12½- —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10 - —
77°-115°, industrial, dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..lb. .16 - —
l.c.l., Group 3.....gal. .29 - —
10 gals., Group 3.....gal. .55 - —
Hexaldehyde, normal, dms., c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanol).
Hexamethylenetetramine,[5,6] tech., dms., 1,500 lbs. or more, shipment, f.o.b. Perth Amboy or N.Y.C..lb. .32 - —
150 to 1,350 lbs., shipment, same basis..lb. .33 - —
USP, dms., 500 lbs. or more, shipment, same basis..lb. .35 - —
fib. ctns., same basis.....lb. .40 - —
Hexanes,[1] 60°-70°C., industrial grade, dms., c.l., Group 3, gal. .13½- —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10½- .11
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .29 - —
10 gals., Group 3.....gal. .55 - —
Hexanol, dms., l.c.l., works..lb. .25 - —
Homatropine hydrobromide, 25 oz. lots, bots..oz.37.50 -42.00
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit. 4.35 - 4.50
Hops, NF, bls.....lb. .48 - 1.50
Horehound, bls.....lb. .10 - .12
Hydrangea root, bls.....lb. No prices
Hydrastine, bots, 4 ozs.....oz.20.00 - —
Hydrochloride, bots., 4 ozs...oz.20.00 - —
Sulphate, bots., 4 ozs.....oz.20.00 - —
Hydrastinine, 15 grs., bots..bot. 1.95 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys., E. of Miss. River; West Coast to bola Panama Canal..lb. .16 - .18½
Hydroquinone, bbls., dms....lb. .90 - .94
Hydroxycitronellal, cns.....lb. 6.25 - 7.50
dms., extra, ret'able, dlvd...lb. 4.50 - —
Hyoscine hydrobromide, bots., gram. 4.50 - —
Hyosyamine, bots.....oz.20.00 -37.50
Hydrobromide, bots.....oz.20.00 -37.50
Sulphate, bots.....oz.20.00 -37.50
Hypernic, cryst., bgs., No. 1..lb. .42 - —
No. 2.....lb. .34 - —
extract, bbls., No. 1.....lb. .24 - —
No. 2.....lb. .19 - —

I

Iceland moss, bls.....lb. 1.45 - 1.50
Ichthyol, bots.....lb. No stocks
Indian red (see Red Indian).

Indigo, nat., chests	lb.	2.14	- 2.20
synth., paste, bbls	lb.	.16½	- .19
powd., bbls	lb.	.74½	- .85
Indium metal	oz.	12.50	- —
Indol, CP, bots	lb.	26.50	-27.50
Insect flowers (see Pyrethrum).			
Iodine, crude, jars, 25 lbs.	lb.	1.67	- —
kgs., 150 lbs., less 5%, ex whse., Staten Island	lb.	1.35	- 1.44
resubl., 5-lb. bots	lb.	2.10	- —
25-lb. bots., jars	lb.	2.00	- —
Iodoform, 100-lb. dms., kgs	lb.	3.95	- 4.10
jars	lb.	4.20	- —
Ipecac root, bgs	lb.	1.75	- 1.85
powd., bgs	lb.	1.85	- 1.95
Irish moss, ordinary, bls	lb.	.26	- .28
powd., 80-90 mesh, bbls	lb.	.32	- .33
prime bleached, bls	lb.	.38	- .50
powd.	lb.	.52	- .53
Iron acetate, solut., USP IV, 100-lb. cbys	lb.	.17	- —
50 lbs., djns	lb.	.18	- —
liquor, bbls., c.l., dlvd	lb.	.03	- —
l.c.l., dlvd	lb.	.04	- —
Chloride (ferric), tech., anhydr., 390-lb. dms.	100 lbs.	4.65	- 6.25
150-lb. dms	100 lbs.	5.00	- 6.00
cryst., bbls., works, frt. alld. or equald.	lp.	.05	- .08
kegs, works, frt. alld. or equald.	lb.	.07½	- .08
USP X, cryst., lump, bbls.	lb.	.07½	- —
kegs	lb.	.08½	- —
solut., cbys., works, frt. alld. or equald.	lb.	.06½	- .07½
djns	lb.	.07½	- —
Citrate, USP VIII, pearls	lb.	.72	- .75
powd., cns	lb.	.84	- .87
scales	lb.	.77	- .80
Glycerophosphate, bbls., 1,000-lb. lots	lb.	3.30	- 3.39
100-lb. lots	lb.	3.40	- 3.49
cns., 25 lbs	lb.	3.52	- 3.62
Hyposulphite, bbls., dms	lb.	1.50	- 1.52
Iodide, bots	lb.	3.18	- 3.52
syrup, cbys	lb.	.39	- .40
bots	lb.	.53	- .59
Nitrate, red, tech., dms	lb.	.03½	- .04
Oxalate, powd., kgs	lb.	.47	- .49
cns	lb.	.52	- —
pearls, cns	lb.	.82	- —
Oxide, black (see Black Iron oxide).			
Phosphate, ferric, pearls, cns., 50 lbs	lb.	.54	- —
25 lbs	lb.	.57	- —
scales, cns., 50 lbs	lb.	.59	- —
25 lbs	lb.	.62	- —
Pyrophosphate, pearls, cns	lb.	.59	- .62
scales, cns	lb.	.64	- .67
Reduced, 90%, cs	lb.	.65	- .75
Sulphate, tech. (see Coppers and ferric sulphate).			
USP, cryst., 275-lb. bbls	lb.	.05½	- .06
dms., 100 lbs	lb.	.08	- —
Iron-ammonia citrate, brown, gran., 2,000-lb. lots, dms.	lb.	.32	- —
200-lb. lots dms	lb.	.35	- —
pearls, 2,000-lb. lots, dms.	lb.	.32	- —
200-lb. lots dms	lb.	.35	- —
scales, 2,000-lb. lots, dms.	lb.	.44	- —
200-lb. lots dms	lb.	.47	- —
Prices on green are the same as for brown.			
Iron-ammonia oxalate,[6] bbls.	lb.	.28½	- —
dms., kgs	lb.	.25½	- —
Iron-soda oxalate, bbls	lb.	.28½	- —
dms.	lb.	.25½	- .26½
Isobutyl acetate 55-gal. dms., works	lb.	.0860	- —
tanks, works	lb.	.0780	- —
Propionate, dms., works	lb.	.102	- —
Isopentane, single 50-lb. dm., works	gal.	.45	- —
single 10-gal. dm., works	gal.	.55	- —
Isophorone, dms., works	lb.	.25	- —
Isopropanol (see Alcohol, isopropyl).			
Isopropyl acetate, dms., 5 gals., E. of Rockies, frt. alld.	lb.	.12	- —
dms., c.l., E. of Rockies, frt. alld.	lb.	.11	- —
Isopropyl acetate, dms., l.c.l., E. of Rockies, frt. alld.	lb.	.11½	- —
tanks, E. of Rockies, frt. alld.	lb.	.10	- —
Alcohol (see Alcohol).			
Ether, dms., c.l.	lb.	.06	- —
l.c.l.	lb.	.06½	- —
tanks	lb.	.04½	- —
Isopropylamine, dms., works	lb.	.35	- —

J

Jaborandi leaves, bls	lb.	.09	- .10
Jalap root, NF, bls	lb.	.45	- .62
powd., bbls., bxs	lb.	.52	- .53
resin, lump, 100-lb. lots, cns.	lb.	5.85	- —
powd., bxs	lb.	5.90	- —
Juniper berries, bgs	lb.	.30	- .32

K

Kamala, tins	lb.	.30	- .40
Kaolin (see China clay).			
Kava kava root, bls	lb.	.23	- .24
Kerosene[1] at refinery:—			
Ark., 41-43 w.w., bulk, tank gal.		.04⅝	- —
Bayonne, 41-43 w.w., tanks gal.		.071	- —
California (f.o.b. San Francisco), truck	gal.	.11½	- —
Gulf ports, 41-43 w.w., bulk gal.		.04½	- .04⅝
Okla.-Tex., 41-43 w.w., tank gal.		.04½	- —
Penn., 45-46-47, w.w., tank gal.		.06½	- .07¼
Kola nuts, bgs	lb.	.10	- .15

L

Lady slipper root, bls	lb.	.50	- .90
Lanolin (see Adeps lanae).			
Lard,[1,5] city, trcs	100 lbs.	13.80	- —
Western, choice, trcs	100 lbs.	13.80	- —
Larkspur seed, bgs	lb.	3.75	- 4.00
Laurel berries, bls	lb.	.25	- .26
Leaves, Greek, bls	lb.	.55	- .56
Cyprus, bls	lb.	.34½	- .35
Portuguese, bls	lb.	.15	- .16
Spanish	lb.	.32	- .33
Lavender flowers, ord., bls	lb.	.70	- .75
medium, bls	lb.	.80	- .85
select, bls	lb.	.90	- .95
Lead,[1] metal (see paint market).			
Acetate,[5] white, broken, bbls.	lb.	.12½	- —
cryst., bbls	lb.	.12½	- —
gran., bbls	lb.	.13¼	- —
powd., bbls	lb.	.13¼	- —
Arsenate,[1,6] paste, stand., c.l.	lb.	.05¾	- .06
l.c.l.	lb.	.06	- .06¼
powder, basic, 3-lb. bgs. or larger, c.l.	lb.	.11½	- .12
l.c.l.	lb.	.12	- .12½
1-lb. ctns., c.l.	lb.	.18½	- .22½
l.c.l.	lb.	.19	- .23
standard, 3-lb. bgs. or larger, c.l.	lb.	.11	- .11⅛
l.c.l.	lb.	.11½	- .12
1-lb. bgs., c.l.	lb.	.16	- .20
l.c.l.	lb.	.16½	- .20½
1-lb. ctns., c.l.	lb.	.18	- .22
l.c.l.	lb.	.18½	- .22½
½-lb. ctns., c.l.	lb.	.21	- .25
l.c.l.	lb.	.21½	- .25½

Inside column represents maximum prices set up by OPA to manufacturers or distributors; outside column to all other purchasers. Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.

Blue, basic sulphate, bbls., c.l., dlvd. E.	lb.	.07½	- —
dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.07⅝	- —
l.c.l., dlvd. E.	lb.	.07¾	- —
Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.08	- —
Carbonate (see Lead, white).			
Chloride, 100-lb. fib. dms	lb.	.49	- —
Iodide, NF V, powd., bots.	lb.	2.80	- —
jars	lb.	2.60	- —
Linoleate, pale, precip., bbls.	lb.	.22½	- —
Metal (see daily quotations in market report).			
Metallic, paste, 1 to 5-ton lots, f.o.b. works	lb.	.19¾	- —
smaller lots, same basis	lb.	.21¼	- —
Nitrate, bbls	lb.	.12½	- —
Peroxide, powd., tech., bbls	lb.	.23	- —
Oleate, bbls	lb.	.17¾	- —
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash.	lb.	.09¼	- —
Other points	lb.	.09	- —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. Cascade Mts. in Ore. and Wash.	lb.	.09¾	- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.10¼	- —
Colo., Mont., N. Mex., Wyo.	lb.	.10	- —
other points	lb.	.09¼	- —
smaller lots, Ala., etc.	lb.	.10¼	- —
Ariz., etc.	lb.	.10¾	- —
Colo., etc.	lb.	.10½	- —
other points	lb.	.10	- —
97% Pb_3O_4, bbls. (20 tons), dlvd. Ala., etc.	lb.	.09¼	- —
other points	lb.	.09¾	- —
l.c.l., 5 tons, dlvd. Ala., etc.	lb.	.10	- —
Colo., etc.	lb.	.10¼	- —
Ariz., etc.	lb.	.10½	- —
other points	lb.	.09¾	- —
smaller lots, dlvd. Ala.	lb.	.10¾	- —
Ariz., etc.	lb.	.11	- —
Colo., etc.	lb.	.10¾	- —
other points	lb.	.10¼	- —
98% Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc.	lb.	.09¾	- —
other points	lb.	.09½	- —
l.c.l., 5 tons, dlvd. Ala., etc.	lb.	.10¼	- —
Ariz., etc.	lb.	.10¾	- —
Colo., etc.	lb.	.10½	- —
other points	lb.	.10	- —
Lead, red, dry, 98% PG_3O_4, l.c.l., smaller lots, dlvd. Ala., etc.	lb.	.10½	- —
Ariz., etc.	lb.	.11¼	- —
Colo., etc.	lb.	.11	- —
other points	lb.	.10½	- —
in oil, 95% min., 100-lb. kgs.	lb.	.14	- —
Resinate, fused, 15%, bbls., c.l.	lb.	.10	- .12
pale, bbls., c.l.	lb.	.12	- .14
6%, bbls., c.l.	lb.	.09¼	- .10½
l.c.l.	lb.	.10¼	- —
Silicate, bgs., 5 tons	lb.	.0730	- —
smaller lots	lb.	.0780	- —
Stearate, bbls	lb.	.31	- .38
Sulphate (see Lead, white basic sulphate).			
titanate, bgs. or bbls., c.l. (20 tons), works, frt. alld.	lb.	.11	- —

Lead titanate, bgs. or bbls., l.c.l., 5 tons, one delivery, E., frt. alld.	lb.	.11¼	- —
Pac. Cst., ex whse.	lb.	.11¼	- —
smaller lots, E., frt. alld.	lb.	.11½	- —
Pac. Cst., ex whse.	lb.	.11½	- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo.	lb.	.08½	- —
other points	lb.	.08¼	- —
l.c.l., dlvd. Ariz., etc.	lb.	.08¾	- —
other points	lb.	.08½	- —
basic sulphate, bbls., c.l., dlvd. Ariz., Calif., Colo., Idaho, Mont., Nev., etc.	lb.	.07½	- —
other points	lb.	.07¼	- —
l.c.l., dlvd. Ariz., etc.	lb.	.08	- —
other points	lb.	.07½	- —
in oil, consumers, 100-lb. kgs.	lb.	.13¾	- —
dealers, 100-lb. kgs	lb.	.11¾	- —
painters, 100-lb. kgs	lb.	.12¾	- —

Consumers' prices and painters' prices are ½c. lower on orders of 500 lbs. or more.

Lecithin, edible, dms., c.l.	lb.	.28½	- —
l.c.l.	lb.	.29	- .43
tech., dms., c.l.	lb.	.26	- —
l.c.l.	lb.	.26½	- .37½
in cocoa butter, dms., c.l.	lb.	.40½	- —
l.c.l.	lb.	.41	- .55
Lemon peel, bls	lb.	.35	- .46
Licorice extract, mass, cns	lb.	.25	- .60
powd., bbls	lb.	.60	- .66
root, natural, Turkish, bls.	lb.	.09	- .10
Indian, bls	lb.	.10	- .10½
powder, bbls	lb.	.15	- .20
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.:—			
Adams, Mass	ton.	8.00	- —
Annville, Pa	ton.	7.50	- —
Bellefonte, Pa	ton.	7.50	- —
Berkley, W. Va	ton.	7.50	- —
Carey, Ohio	ton.	7.00	- —
Cedar Hollow, Pa	ton.	8.50	- —
Crab Orchard, Tenn.	ton.	6.25	- —
Eagle Mountain, Va.	ton.	7.00	- —
Farnams, Mass	ton.	8.00	- —
Gibsonburg, Ohio	ton.	7.00	- —
Hannibal, Mo	ton.	6.50	- —
Keystone, Ala	ton.	6.25	- —
Knoxville, Tenn	ton.	6.25	- —
Limedale, Ark	ton.	7.00	- —
Longview, Ala	ton.	6.25	- —
Manistique, Mich	ton.	8.00	- —
Martinsburg, W. Va.	ton.	7.50	- —
Menominee, Mich	ton.	8.00	- —
Mitchell, Ind	ton.	6.50	- —
Newala, Ala	ton.	6.25	- —
Rincon, Cal.	ton.	13.00	- —
Ripplemead, Va.	ton.	7.00	- —
Riverton, Va	ton.	7.00	- —
Rockland, Me	ton.	8.00	- —
San Francisco, Cal.	ton.	13.00	- —
Scioto, Ohio	ton.	6.50	- —
Springfield, Mo	ton.	7.00	- —
Woodville, Ohio	ton.	7.00	- —
York, Pa	ton.	9.00	- —
hydrated, f.o.b. Adams, Mass.	ton.	8.50	- —
Annville, Pa	ton.	9.00	- —
Bellefonte, Pa	ton.	9.00	- —
Berkley, W. Va	ton.	9.00	- —
Buffalo, N. Y	ton.	10.00	- —
Carey, Ohio	ton.	8.50	- —
Cedar Hollow, Pa	ton.	9.00	- —
Crab Orchard, Tenn.	ton.	9.00	- —
Eagle Mountain, Va.	ton.	8.50	- —
Farnams, Mass	ton.	8.50	- —
Gibsonburg, Ohio	ton.	8.50	- —
Hannibal, Mo	ton.	8.50	- —
Keystone, Ala	ton.	9.00	- —
Knoxville, Tenn	ton.	9.00	- —
Le Roy, Minn	ton.	10.00	- —
Lime Crest, N. J.	ton.	8.50	- —
Limedale, Ark	ton.	9.00	- —
Longview, Ala	ton.	9.00	- —

SPOT DELIVERIES

HYDROSULFITE OF SODA

Zinc Sulfate
Lead Acetate
Cream of Tartar
Soda Ash
Tartaric Acid
Caustic Soda
Heavy Calcined Magnesia

OTHER SPECIAL PRODUCTS

Distributors for THE RUFERT CHEMICAL COMPANY

NICKEL FORMATE • Also NICKEL CATALYST • NICKEL CARBONATE • NICKEL OXIDE, ETC.

GOLWYNNE CHEMICALS CORPORATION

420 LEXINGTON AVENUE • NEW YORK • PHONE LE 2-9740

Lime, hydrated, Louisville, Ky.	ton.	14.50	- —
Manistique, Mich.	ton.	9.50	- —
Marblehead, Ohio.	ton.	9.50	- —
Martinsburg, W. Va.	ton.	9.00	- —
Mitchell, Ind.	ton.	9.00	- —
Newala, Ala.	ton.	9.00	- —
Potoskey, Mich.	ton.	9.00	- —
Port Island, Mich.	ton.	9.00	- —
Rapid City, S. D.	ton.	12.00	- —
Ripplemead, Va.	ton.	9.00	- —
Rockland, Me.	ton.	9.00	- —
San Francisco, Cal.	ton.	16.00	- —
Springfield, Mo.	ton.	9.00	- —
Woodville, Ohio.	ton.	8.50	- —
York, Pa.	ton.	8.50	- —
spray, paper bags, f.o.b.:—			
Adams, Mass.	ton.	9.50	- —
Annville, Pa.	ton.	9.50	- —
Bellefonte, Pa.	ton.	9.50	- —
Carey, Ohio.	ton.	11.00	- —
Farnams, Mass.	ton.	10.00	- —
Gibsonburg, Ohio.	ton.	11.00	- —
Lime Crest, N. J.	ton.	8.50	- —
Marblehead, Ohio.	ton.	11.00	- —
Rockland, Me.	ton.	10.00	- —
Scioto, Ohio.	ton.	10.00	- —
Woodville, Ohio.	ton.	11.00	- —
York, Pa.	ton.	9.00	- —
Lime salts (see Calcium).			
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kans., Okla., Tex.	lb.		No price
Linalool, cns.	lb.	6.75	- 8.25
Linalyl acetate, 70% to 80%, cns.	lb.	5.00	- 6.00
90%, cns.	lb.	6.50	- 6.75
92%, cns.	lb.	7.00	- 7.25
Linden flowers, bls.	lb.	1.10	- 1.15
Linseed meal, 32%, sacks	ton.		No prices

Litharge, com'l powd., bbls., 20 tons, dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore., and Wash.	lb.	.08¼-	—
other points.	lb.	.08 -	—
5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.	lb.	.08¾-	—
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.09¼-	—
Colo., Mont., N. Mex., Wyo.	lb.	.09 -	—
Other points.	lb.	.08¼-	—
smaller lots, dlvd. Ala., etc.	lb.	.09¼-	—
Ariz., etc.	lb.	.09¾-	—
Colo., etc.	lb.	.09½-	—
Other points.	lb.	.09 -	—
Lithium,[6] bromide, bbls., 100 lbs., works, frt. equald.	lb.	1.90	- —
50 lbs., works.	lb.	1.93	- —
25 lbs., works.	lb.	1.95	- —
Carbonate, NF, 250-lb. bbls.	lb.	1.25	- —
100-lb. kgs.	lb.	1.30	- —
Chloride, 25-lb. jars.	lb.	1.65	- 1.70
Citrate, 250-lb. bbls.	lb.	1.40	- —
25-lb. dms.	lb.	1.45	- —
100-lb. kgs.	lb.	1.40	- —
Fluoride, bbls.	lb.	2.45	- 2.60
Hydroxide, jars.	lb.	1.25	- 1.40
Iodide, 5-lb. bots.	lb.	5.20	- —
25-lb. jars.	lb.	5.05	- —
Lithopone,[1] titanated (high strength), bgs., c.l. (20 tons).	lb.	.0500-	—
smaller lots.	lb.	.0585-	—

Lithopone, titanated (high strength), bbls., c.l. (20 tons).	lb.	.0585-	—
smaller lots.	lb.	.0610-	—
ordinary, bgs., c.l. (20 tons).	lb.	.04¼-	—
smaller lots.	lb.	.04½-	—
bbls. c.l. (20 tons)	lb.	.04½-	—
smaller lots.	lb.	.04¾-	—

Lithopone in car lots is ¼c. per lb. higher delivered to the Pac. Cst. and in less car lots is ½c. higher ex whse., Pac. Cst.

Liverwort, leaves, bls.	lb.	.60	- .62
Lobelia, herb, bls.	lb.	.25	- .26
Lobeline sulphate, bots., wks. oz.		25.50	-38.00
Logwood, cryst., No. 1, bgs.	lb.	.28	- —
No. 2, bgs.	lb.	.26	- —
extract, liquid, No. 1, bbls.	lb.	.14	- —
No. 2, bbls.	lb.	.13	- —
No. 3, bbls.	lb.	.12½-	—
No. 4, bbls.	lb.	.10	- —
solid, No. 1, bxs.	lb.	.23½-	—
No. 2, bxs.	lb.	.21½-	—
Lovage root, dom., bls.	lb.	.55	- .60
imported, bls.	lb.	4.50	- —
Lupulin, NF, tins.	lb.	4.75	Nom.
Lycopodium, USP, cs.	lb.	7.00	- 7.50

M

Mace,[1] Amboyna, cs.	lb.	.77	- .78
Banda, cs.	lb.	.98	- 1.00
West Indian, cs.	lb.	.75	Nom.
Madder, Dutch, bbls.	lb.	.24	- .30
Magnesia, arsenate,[6] dms.	lb.	.18	- .20
Calcined, tech., USP, bbls., works.	lb.	.26	- —
Carbonate, tech., Zone 1, c.l., bgs.	lb.	.06¼-	—
bbls.	lb.	.07½-	—
kgs.	lb.	.08¾-	—
l.c.l., bgs.	lb.	.07¼-	—
bbls.	lb.	.08½-	—
kgs.	lb.	.09¾-	—
Zone 2, c.l., bgs.	lb.	.06¼-	—
bbls.	lb.	.07½-	—
kgs.	lb.	.08¾-	—
l.c.l., bgs.	lb.	.07 -	—
bbls.	lb.	.08¼-	—
kgs.	lb.	.09½-	—
USP, Zone 1, c.l., bgs.	lb.	.09 -	—
bbls.	lb.	.08½-	—
kgs.	lb.	.09¾-	—
l.c.l., bgs.	lb.	.09 -	—
bbls.	lb.	.09½-	—
kgs.	lb.	.10¾-	—
Zone 2, c.l., bgs.	lb.	.06¼-	—
bbls.	lb.	.08½-	—
kgs.	lb.	.09¾-	—
l.c.l., bgs.	lb.	.08¾-	—
bbls.	lb.	.09½-	—
kgs.	lb.	.10½-	—
other points.	lb.	.08 -	—

Magnesia:—Zone 1—Mass., Conn., R. I., N.Y., N.J., Pa., D. of C., Del. and Md., c.l. shipments, frt. equald. with Phillipsburg, Ambler, Plymouth Meeting, Valley Forge, and New York. On l.c.l. shipments, frt. alld. including dlvd. storedoor. Magnesia prices are f.o.b. Plymouth Meeting. Zone 2—Balance of U. S.; prices f.o.b. Plymouth Meeting, Ambler, Phillipsburg, Valley Forge and New York.

Magnesium, chloride, anhyd., dom., bbls., dlvd.	lb.	.13	- —
flake, dom., bbls., works., c.l.	ton.	32.00	- —
l.c.l., bbls., works.	ton.	39.00	-42.00
Fluoride, bbls.	lb.	.40	- .50
Hydroxide, med., 200-lb. bbls.	lb.	.25	- —
25-lb. dms.	lb.	.30	- —
100-lb. kgs.	lb.	.26	- —
Hypophosphite, cns., 100 lbs.	lb.	1.45	- —
Oxide (see Calcined).			
Palmitate, bbls.	lb.	.33	- .35
Peroxide, 15%, dms., works.	lb.	1.00	- 1.35
Silicate (see Talc).			
Silicofluoride, bbls.	lb.	.18	- .20
Stearate, bbls., ton lots.	lb.	.31	- —
less than ton lots.	lb.	.32	- —
Sulphate (see Epsom salt).			
Trisilicate, 1,000-lb. contracts, dms.	lb.	.37	- —
smaller lots, dms.	lb.	.42	- —
cs., 500-lb. lots.	lb.	.40	- —
100-lb. lots.	lb.	.42	- —
5-lb. cns.	lb.	.60	- —
Magnesite, cal., dom., powd., bgs., f.o.b. mines, Calif.	ton.	58.75	- —
l.c.l., dlvd. N. Y.	ton.	84.00	-90.00
dead-burned, dom.,[1] bulk, c.l., f.o.b. Chewelah, Wash.	ton.	22.00	-40.50
Malva flowers, black, bls.	lb.	1.75	- 2.00
blue, bls.	lb.	2.25	- 2.50
Leaves, bls.	lb.	.40	- .55
Manaca root, bls.	lb.	.24	- .25
Mandrake root, bls.	lb.	.21	- .22
Manganese acetate, dms.	lb.	.26½-	—
Arsenate,[6] bgs.	lb.	.12	- .12½
Borate, tech., bbls.	lb.	.15	- .17
Carbonate, bbls.	lb.	.10	- —
Chloride, bbls.	lb.	.14	Nom.
Dioxide, African, battery, 84-87%, bbls., 28-40 tons, works.	ton.	74.00	- —
5-15 tons, works.	ton.	77.00	- —
½-4 tons, works.	ton.	82.00	- —
Caucasian, 85-90%, bbls., c.l., works.	ton.	74.00	- —
l.c.l., 5 tons, works.	ton.	77.00	- —
smaller lots, works.	ton.	82.00	- —
burlap bgs., c.l., works.	ton.	71.75	- —
l.c.l., 5 tons, works.	ton.	74.75	- —
smaller lots, works.	ton.	79.75	- —
paper bgs., c.l., works.	ton.	70.00	- —
l.c.l., 5 tons, works.	ton.	73.00	- —
Glycerophosphate, bbls., bgs., 1,000-lb. lots.	lb.	3.05	- —
100-lb. lots.	lb.	3.15	- —
cns., 25 lbs.	lb.	3.27	- —
Hydrate, bbls., dlvd.	lb.	.82	- —
Iodide, bots., 5 lbs.	lb.	5.70	- —
jars, 25 lbs.	lb.	5.55	- —
Linoleate, liquid, 4%, dms.	lb.	.20	- —
solid, precip., 8.2%, bbls.	lb.	.22	- —
Manganese resinate, fused, 2¼%, bbls.	lb.	.09	- .10½
precip., dms.	lb.	.14½-	.15½
Sulphate, anhyd., dms., ton lots, works.	lb.	.11¼-	—
single dms., works.	lb.	.11¼-	—
feed grade, 77-80%, bgs., c.l.	lb.	.05¾-	—
l.c.l.	lb.	.06½-	—
fertilizer, 65%, $MnSO_4$, bgs., c.l., dlvd. Eastern points.	ton.	59.50	- —
l.c.l., bgs., same basis or f.o.b. Balto. and Cincinnati.	ton.	66.50	- —
industrial grade, 50% $MnSO_4$, c.l.	lb.	.05	- —
l.c.l.	lb.	.05½-	—
Mangrove bark, lf. and when available, bgs.	ton.	60.00	- —
Manna flake, large, cs.	lb.	No stocks	
small, cs.	lb.	3.40	- 3.45
Mannitol,[5] com'l grade, bbls., ton lots, works.	lb.	.35	- —
smaller lots, works.	lb.	.40	- —
reagent grade, 50-lb. cs., or multiples, works.	lb.	.85	- —
Marjoram,[1] Chilean, bls.	lb.	.49	- .50
in transit, bls.	lb.	.41½-	.42
French, bls.	lb.	.84	- 1.15
Tunisian, bls.	lb.	.60	- .65
Matico leaves, bls.	lb.	.22	- .29
Menthol, natural, cs.	lb.	14.50	Nom.
synthetic, USP, cs.	lb.	13.00	- —
technical, 60-lb. cs.	lb.	6.00	- —
smaller lots.	lb.	6.50	- —

Menthyl salicylate, tins, 100-lb. lots.	lb.	3.00	- —
25-lb. lots.	lb.	3.10	- —
Mercurial ointment, USP, mild, 10%, 50-lb. tub.	lb.	.70	- —
25-lb. tub.	lb.	.72	- —
30%, pails, 50 lbs.	lb.	1.44	- —
25 lbs.	lb.	1.46	- —
50%, pails, 50 lbs.	lb.	2.09	- —
25 lbs.	lb.	2.11	- —
Mercury (see Quicksilver).			
Ammoniated (see White precipitate).			
Bichloride,[2] (see Corrosive sublimate).			
Bisulphate,[2] 5-lb. bots.	lb.	3.02	- —
50-lb. fib. dms.	lb.	2.80	- —
25-lb. dms.	lb.	2.91	- —
Chloride[2] (see Calomel).			
Cyanide,[2] cryst., powd.	lb.	4.00	- 4.05
Iodide,[2] red, NF, 5-lb. lots.	lb.	4.66	- 4.71
100-lb. fib. dms.	lb.	4.60	- —
yellow, 5-lb. bots.	lb.	4.76	- 4.81
fib. dms., 100 lbs.	lb.	4.70	- —
Nitrate ointment (see Citrine ointment).			
tech. (see Red, mercury oxide).			
Oxide,[2] yellow, tech. (see Yellow, mercury oxide).			
NF VI, fib. dms., 50 lbs. or more.	lb.	3.88	- —
red,[2] NF (see Red precipitate).			
Mercury and chalk,[2] 5-lb. ctns.	lb.	1.93	- 1.98
dms.	lb.	1.86	- 1.88
Mesityl oxide, dms., c.l., dlvd.	lb.	.11½-	—
l.c.l., dlvd.	lb.	.12 -	—
tanks	lb.	.10½-	—
Metal leaf, Japanese, pkgs. of 20 books (500 leaves), aluminums, 5½x5½ in.	pkg.	2.50	- —
composition, 5½x5½ in.	pkg.	3.00	- —
gold XX, deep, 23K, 3⅜x3⅜ in.	pkg.	15.00	- —
silver, 3⅜x3⅜ in.	pkg.	3.00	- —
Metanitroparatoluidine, bbls.	lb.	1.05	- 1.10
Metaphenylenediamine,[6] kgs.	lb.	.65	- —
Metatolylenediamine,[6] kgs.	lb.	.70	- —
Methanol,[1,6] natural, producer group A, all grades, E. of Miss. R., dms., c.l.	gal.	.66	- —
l.c.l.	gal.	.76	- —
tanks	gal.	.60	- —
Methanol prices W. of Miss. R. are 3c. per gal. higher.			
pure, group B, tanks, frt. alld., Zone 1.	gal.	.50	- —
Zone 2.	gal.	.52	- —
Zone 3.	gal.	.54	- —
Zone 4.	gal.	.54½-	—
dms., c.l., Zone 1.	gal.	.55½-	—
Zone 2.	gal.	.57½-	—
Zone 3.	gal.	.59½-	—
Zone 4.	gal.	.61½-	—
l.c.l., Zone 1.	gal.	.58½-	—
Zone 2.	gal.	.75½-	—
Zone 3.	gal.	.62½-	—
Zone 4.	gal.	.75½-	—
Natural methanol sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., Tenn., R. I., Vt., Va., W. Va., Wisc.; Zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los A., San Fran., Seattle, Wash., Portland, Ore.; Zone 4, Ariz., Cal., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash.			
Synthetic,[3,6] pure, dms., c.l., Zone 1, frt. alld.	gal.	.34½-	—
2, frt. alld. or dlvd.	gal.	.36½-	—
3, frt. alld.	gal.	.38½-	—
4, frt. alld.	gal.	.40½-	—
l.c.l., Zone 1, frt. alld. or dlvd.	gal.	.37 -	—
2, frt. alld.	gal.	.42½-	—
3, dlvd., S. F. and L. A.	gal.	.41 -	—
4, frt. alld. or dlvd.	gal.	.52½-	.56½
tanks, Zone 1, frt. alld.	gal.	.28 -	—
2, frt. alld.	gal.	.30 -	—
3, frt. alld.	gal.	.32 -	—
4, frt. alld.	gal.	.32½-	—
Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.			
Methyl acetate, C.P., 97-99%, dms., c.l., E. of Miss.	lb.	.10½-	.12
W. of Miss.	lb.	.11½-	.13
l.c.l., E. of Miss.	lb.	.11 -	.14
W. of Miss.	lb.	.12 -	.13½
tanks, dlvd. E. of Miss.	lb.	.09½-	—
W. of Miss.	lb.	.10½-	—
tech., dms., c.l., E. of Miss.	lb.	.08 -	.09
l.c.l., E. of Miss.	lb.	.07½-	.11
W. of Miss.	lb.	.07½-	.10½
tanks, E. of Miss.	lb.	.06 -	—
W. of Miss.	lb.	.07 -	—
Acetoacetate, dms., c.l., works, frt. alld.	lb.	29½-	—
Acetone, natural, dms., c.l., E. of Miss., frt. alld.	gal.	.66 -	—
l.c.l., same basis.	gal.	.76 -	—
tanks, same basis.	gal.	.60 -	—
Methyl acetone prices W. of Miss. R. are 3c. per gal higher.			
Synthetic, tanks, Zone 1.	gal.	.43 -	—
Zone 2.	gal.	.44½-	—
Zone 3.	gal.	.45½-	—
Zone 4.	gal.	.45½-	—
dms., c.l., Zone 1.	gal.	.51 -	—
Zone 2.	gal.	.53 -	—
Zone 3.	gal.	.53½-	—
Zone 4.	gal.	.54½-	—
l.c.l., Zone 1.	gal.	.54½-	—
Zone 2.	gal.	.57 -	—
Zone 3.	gal.	.58 -	—
Zone 4.	gal.	.59½-	—
Alcohol (see Methanol).			
Anthranilate, 100-lb. lots.	lb.	2.20	- 2.50
25-lb. lots, bots.	lb.	2.35	- 2.65
Benzoate, cns., 25 lbs.	lb.	.70	- 1.10
Bromide, cns.	lb.	.75	- .80
cyls.	lb.	.65	- .75
Chloride, refrigeration, 500 lbs. and up, machine mfrs. and jobbers, cylinders.	lb.	.32	- —
service men and consumers, cyl.	lb.	.36	- —
60 to 400 lbs., cyl., mach., mfrs. and jobbers.	lb.	.36	- —
service men and consumers, cyl.	lb.	.40	- —
tanks, multi-unit, machine mfrs. and jobbers.	lb.	.31	- —
service men and consumers.	lb.	.35	- —

Methyl chloride quotations are spot or contract, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 180-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

Methyl, cinnamate, bls.	lb.	1.50	- 4.00
Formate, dms.	lb.	.69	- —
Lactate, dms., l.c.l., dlvd.	lb.	.70	- —
Iodide, bots.	lb.	4.00	- 4.15
cns.	lb.	.37	- .40
Salicylate, dms.	lb.	.35	- .37
Methylamyl ketone, dms., works, l.c.l.	lb.	.25	- —
smaller containers, same basis	lb.	.28	- —

.... Your product well dressed in

Bemis WATERPROOF Bags

When you pack your product in Bemis Waterproof Bags, it is well dressed in *two* ways. It has eye appeal to help *sell,* if you're still competing for business . . . to help keep your brand *alive* if you're oversold. And it is well-dressed in these bags because they are *extra strong* to stand the added strain of today's capacity loading of trucks and freight cars.

Bemis Waterproof Bags are *custom made* for *your* product, not only in size and shape but in materials and construction. They have a layer of tough, tightly woven fabric on the outside, which is *bonded,* by special adhesives, to layers of paper in any combination your shipping problem requires.

This construction gives you containers that can keep moisture in and dampness out . . . retain desirable aromas and repel objectionable odors . . . shut out dirt and dust . . . resist acids and grease.

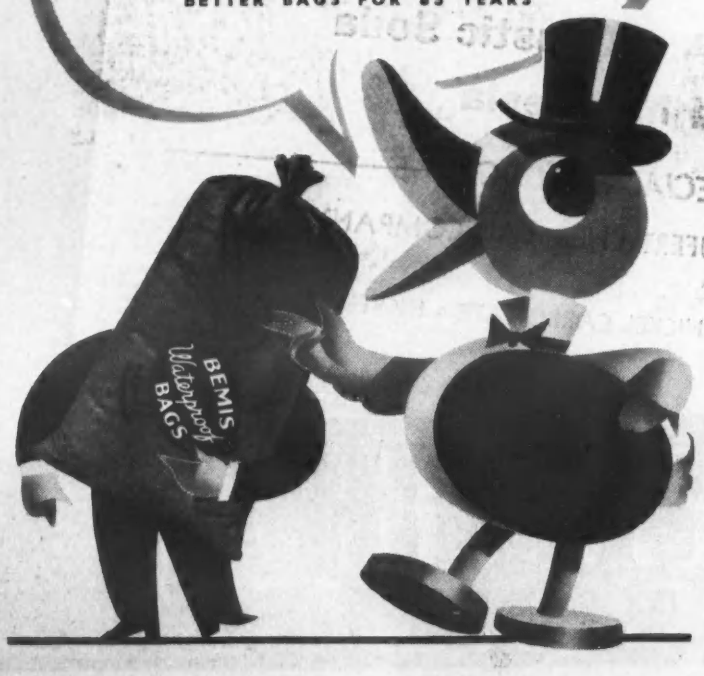
If you have a shipping container problem, why not ask our laboratories to help you? Complete details and samples sent promptly on request.

WATERPROOF DEPARTMENT

BEMIS BRO. BAG CO.

St. Louis • Brooklyn

BETTER BAGS FOR 85 YEARS



WHAT'S "GREEN" GOT TO DO WITH YOUR CHOICE OF AN ALKALI BLUE TONER?

PLENTY! . . . if war conditions are forcing you to rely on "green" help for a check on incoming toner shipments for quality and uniformity.

But "green" help or no—you must make these checks. So the reliability of your source is more important today than ever before. Here is how Calco double-checks on quality and uniformity for you.

First, *each* vat of crude blue is tested analytically, and selected for a specific type of toner. The batch is flushed with only pure linseed varnishes before testing for color and blending quality. To formulate the sales type, batch properties are scientifically compared to reproduce the *exact* qualities of the standard.

After the laboratory blend has passed this rigid test, the final plant blend is prepared with the same attention to detail and accuracy. However, as a last precaution and double-check, the finished Calco Alkali Blue Toner is again tested, property for property, against the standard . . . *before* delivery to you. This reliability is yours in all Calco Toners. For proof . . . ask your Calco representative for samples!

CALCO CHEMICAL DIVISION · AMERICAN CYANAMID COMPANY

BOUND BROOK, NEW JERSEY

BOSTON PHILADELPHIA PROVIDENCE NEW YORK CHARLOTTE CHICAGO

OPD—3-29-1943

AMORPHOUS MINERAL WAXES

CROWN QUALITY

Color	Black
Melting Point	190° F. min.
Penetration at 77° F.—100 grms. 5 secs.	10 max.
Color	Amber
Melting Point	200° F. min.
Penetration at 77° F.—100 grms. 5 secs.	5 max.
Odor	None

GEM QUALITY

Color	From Amber 5 N.P.A. to Yellow 2 N.P.A.
Melting Point	185° F. min.
Penetration at 77° F.—50 grms. 5 secs.	20 min.
Odor	None

PEARL QUALITY

Color	Amber 5 N.P.A.
Melting Point	180° F. min.
Penetration at 77° F.—50 grms. 5 secs.	30 min.
Odor	None

Manufactured by

AMERICAN WAX REFINING CORP.

CAVEN POINT ROAD JERSEY CITY, N.J.

Phone BErgen 4-3237, 3238

Methylcellulose, specl. vis. (4,000 cps.), 5lb. ctns., 2,000 lbs. or more, frt. alld..lb. .60 - —
100 to 1,999 lbs., frt. alld. lb. .65 - —
1 to 99 lbs., works....lb. .70 - —
std. vis. (15-1,500 cps.), 5lb. ctns., 2,000 lbs. or more, frt. alld..lb. .53 - —
100 to 1,999 lbs., frt. alld. lb. .58 - —
1 to 99 lbs., works....lb. .63 - —
Methylcyclohexane, 99-100%, dms., works..lb. .16 - —
Methylcyclohexanol, 98-100%, dms., works..lb. .22 - —
Methylcyclohexanone, 98-100%, dms., works..lb. .32 - —
Methylene blue, medicinal, kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, refrigeration, dms., works..lb. .18 - .23
solvent, dms., works.....lb. .12 - .15
Methylethyl ketone,[6] dms., tech., frt. pd. E. of Rocky Mts..lb. .09 - —
l.c.l., same terms.....lb. .09½- —
tanks, same terms.....lb. .08 - —
Methylhexyl ketone, dms., tech., works..lb. .60 - —
Methylisobutyl ketone, dms., c.l., dlvd..lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .11½- —
Methylnaphthyl ketone, dom., cryst., cns..lb. 3.00 - 3.10
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
250 mesh, containers, extra, c.l., same basis..ton.12.00 - —
l.c.l., same basis.....ton.14.00 - —
325 mesh, containers extra, c.l., same basis..ton.15.00 - —
l.c.l., same basis.....ton.17.00 - —
400 mesh, containers extra, c.l., same basis..ton.17.50 - —
l.c.l., same basis.....ton.19.50 - —
dry grd., amber, No. 1 quality, c.l..ton.30.00 - —
l.c.l., 5,000 lbs.....ton.40.00 - —
1,000 lbs.....lb. .02 - —
500 lbs.....lb. .02½- —
100 lbs.....lb. .03 - —
refined, c.l.....ton.20.00 - —
l.c.l., 5,000 lbs.....ton.30.00 - —
paint, c.l.....ton.55.00 - —
l.c.l., 5,000 lbs.....ton.65.00 - —
white, No. 1 quality, c.l..ton.35.00 - —
l.c.l., 5,000 lbs.....ton.45.00 - —
1,000 lbs.....lb. .03 - —
500 lbs.....lb. .03½- —
roofing, c.l.....ton.29.00 - —
l.c.l., 5,000 lbs.....ton.39.00 - —
paint, c.l.....ton.60.00 - —
l.c.l., 5,000 lbs.....ton.70.00 - —
wet grd., paint or lacquer, c.l. lb. .04½- —
l.c.l. .....lb. .05 - —
paper, wall, or coated, c.l..lb. .04½- —
l.c.l. .....lb. .05 - —
rubber, c.l.....lb. .04½- —
l.c.l. .....lb. .04¾- —
biotite, c.l.....lb. .03¾- —
l.c.l. .....lb. .04¼- —

Mica, dry grd., is quoted in bags at the works; wet grd. mica in carload lots is frt. alld. E., and in less than carload lots ex whse. or frt. alld. E. Prices of the wet grd. are ½c. per lb. higher W. of Miss. R.

Milk powder, skimmed,[5] roller, Zone A, bulk, and quantity, bbls..lb. .13½- —
Zone B, same basis.....lb. .13¾- —
spray, roller, Zone A, same basis..lb. .15½- —
Zone B, same basis.....lb. .15¾- —

Milk powder, skimmed, when sold by manufacturers to the U. S. Government or any agency thereof, is 1c. less than the above prices on skimmed milk powder as sold to any consumer other than the U. S. Government or any agency thereof. Zone A is all states not included in Zone B. Zone B is Penna., N. Y., Md., Del., N. J., Conn., Mass., R. I., N. H., Vt., Me. and D.C.

whole, roller, bbls., c.l.....lb. .29 - —
l.c.l. .....lb. .29½- —
spray, bbls., c.l.....lb. .30 - —
l.c.l. .....lb. .30½- —
Milk sugar, bbls., c.l.....lb. .25 - —
l.c.l., 10 bbls. or over.....lb. .26 - —
less than 10 bbls.....lb. .27 - —
Millet seed, yellow, bgs.....lb. .03¾- .04¼
early fortune, bgs.....lb. .03¾- .04¼
hulled, bgs.....lb. .07 - .12
Mineral spirits (see Petroleum thinners and V. M. & P. naphtha).
Molasses,[1,8] blackstrap, tanks, f.o.b. works, Area 1..gal. .18 - —
Area 2, same basis....gal. .18½- —
Area 3, same basis....ton.20.00 - —
Area 4, same basis....ton.24.20 - —
Area 5, same basis....ton.33.20 - —

Note—Area No. 1 is La., Fla., Tex. and Ga. Area No. 2 is N.Y., Penn., Md., Mass. and N.J. Area No. 3 is Ore., Wash. and Calif. Area No. 4 is Id., Utah, Mont., Colo., Wyo., Kan., S.D. and Neb., excluding Grand Island. Area No. 5 is Ind., Mich., Ohio, Wis., Minn., Ia., and Grand Island, Neb.

Molybdate orange (see Orange, molybdate).
Molybdenum metal,[4] kgs., 99%, powd..lb. 2.60 - 3.00
trioxide,[4] pure, kgs., basis Mo. content, works..lb. .95 - —
technical, kgs., basis Mo. content, works..lb. .80 - —
Monoamylamine, dms., basis 100%, c.l., works..lb. .61 - —
l.c.l., works.....lb. .64 - —
Monoamylnaphthalene, l.c.l., dms., works..lb. .17 - —
Monobutylamine, dms., basis 100%, c.l., works..lb. .48 - —
l.c.l., works.....lb. .51 - —
Monoethanolamine,[4] dms., c.l., works..lb. .24 - —
l.c.l., dms.....lb. .25 - —
tanks .....lb. .23 - —
Monoethylamine, basis 100%, dms., c.l., works..lb. .43 - —
l.c.l., works.....lb. .46 - —
Monochlorobenzene, dms., c.l..lb. .05½- —
55 gals.....lb. .07 - —
10 gals.....lb. .08 - —
5 gals.....lb. .09 - —
tanks .....lb. .05 - —
Monoethylaniline, dms.....lb. .47 - —
Monomethylamine, dms.....lb. .65 - —
Monomethylpara-aminophenol-sulphate, dms..lb. 3.75 - 4.00
Monosodiumphosphate (see Soda phosphate monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Hydrobromide, 5 ozs.....oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Hydrochloride, 5-oz. bots....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —

Morpholine, dms., 55 gals., l.c.l., works..lb. .67 - —
smaller containers, works....lb. .75 - —
Mullein leaves, cns.....lb. .12 - .13
flowers, cns.....lb. 1.75 - 2.10
Musk, nat., Tonquin, grains, bots. oz.45.00 -50.00
synth, ambrette, cns., 100 lbs. or more..lb. 4.00 - 9.00
25 lbs. to 75 lbs.....lb. 4.10 - 9.10
5 lbs.....lb. 4.25 - 9.45
ketone, cns., 100 lbs. or more, lb. 4.15 - 9.25
25 lbs. to 75 lbs.....lb. 4.25 - 9.35
5 lbs.....lb. 4.40 - 9.70
xylol, cns., 100 lbs. or more..lb. 1.40 - 2.50
25 lbs. to 75 lbs.....lb. 1.50 - 2.60
5 lbs.....lb. 1.65 - 2.90
Musk root, bls.....lb. 2.25 - 2.30
Mustard seed, California, brown, good, bgs..lb. .15½- .16
yellow, bgs.....lb. .10 - .10½
Montana, yellow, bgs.....lb. .09 - .09½
Washington, yellow, bgs....lb. .09 - .09½
Myrobalans,[4] J1, bgs., f.a.s...ton.75.00 - —
J2, bgs., f.a.s.....ton.70.00 - —
Extract, liquid, 25%, bbls...lb. No prices
solid, 50%, bbls.....lb. No prices
powdered, bbls.....lb. No prices

N

Naphtha, Painters (see Petroleum, naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude,[4] dom., 74 deg., tanks, works..100 lbs. 2.75 - —
78 deg., tanks, works..100 lbs. 3.00 - —
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works..lb. .08 - —
50-lb. cs., same basis....lb. .08¼- —
pkgs. (16-oz.), same basis.lb. .08½- —
(12-oz.), same basis,..pkg. .07 - —
Neocinchophen, USP., 100-lb. lots, dms..lb. 7.00 - —
50-lb. lots.....lb. 7.05 - —
25-lb. lots.....lb. 7.10 - —
Nerolin, cryst., cns.....lb. 1.70 - 2.00
Niacin (see Acid, nicotinic).
Nickel,[6] carbonate, bbls.....lb. .36 - .36½
Chloride,[6] bbls.....lb. .18 - .20
Cyanide,[6] 100-lb. dms.....lb. 1.40 - —
25-lb. bots.....lb. 1.50 - —
Oxide,[6] black, bbls.....lb. .35 - .38
Salt,[6] bbls.....lb. .13 - .13½
Nicotine,[3] sulphate, 40%, dms., works, frt. alld..lb. .703 - —
10-lb. tins.....lb. .86½- —
Nicotinamide, 25 to 100-lb. lots, bots..lb. 7.00 - 9.14
5-lb. lots, bots.....lb. 7.10 - 9.24
Niger seed, bgs.....lb. .16 - .16½
Nikethamide .....lb.18.00 -19.00
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l. lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, ester-soluble,[6] 30-35, ¼, ½ sec., bbls., dry weight, l.c.l., works..lb. .26 - —
5-6, 15-20 sec. and higher, bbls., dry weight, l.c.l., works..lb. .25 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Nitroethane, dms., l.c.l., wks.lb. .25 - —
Nitrogenous fertilizer material, dom., 10% ammon., bulk, f.o.b. Carrolville, Wis..unit-ton. 3.00 Nom.
Chemical, Ill.....unit-ton. 2.90 - —
Nitromethane, dms., l.c.l., wks. lb. .25 - —
Nitronaphthalene, bbls.....lb. .24 - .26
Nitropropane I, dms., l.c.l., works lb. .23 - —
II, dms., same basis.....lb. .25 - —
Nutgalls,[6] Aleppo, bgs.....lb. No prices
Chinese, whole.....lb. .43 Nom.
Extract (see Gall extract).
Nutmegs,[1] E. I., 80's, bgs....lb. .75 - .76
West Indian, bgs.....lb. .35 Nom.
Nux vomica, bls.....lb. .09 - .11
powd., bbls., bxs.....lb. .13 - .16

O

Oakbark extract,[6] 25% tan., bbls., c.l., works..lb. .0385- —
tanks .....lb. .0325- —
Ocher (see Yellow)
Octane,[1] 100-140° C., industrial grade, dms., c.l., G.3..gal. .15½- —
l.c.l., G.3.....gal. .20 - —
10 gals., G.3.....gal. .55 - —
tanks, G.3.....gal. .13 - —
Octanol, normal, tech., 360-lb. dms., dlvd..lb. .35 - —
Oil, almond, bitter, artif. (see Benzaldehyde)
natural, USP, bots.....lb. 3.50 - 6.00
sweet, exp., dms., cns.....lb. 1.75 - 2.00
Angelica, root, bots.....lb.125.00 -140.00
seed, bots.....lb.120.00 -140.00
Anilin (see A).
Anise, USP, cns., dms.....lb. 2.85 - 3.25
Apricot, kernel, cns.....lb. .38 - .55
Avocado, cns., dms.....lb. .80 - .95
Babassu,[1,6] tanks.....lb. .1110- —
Bay, W. I., 50-55%, cns.....lb. 1.35 - 1.85
Puerto Rican, 55-60%, cns..lb. 1.65 - 1.90
Bergamot, artif., cns.....lb. 2.25 - 9.85
natural, Italian, coppers...lb.22.00 -35.00
Brazilian, cns.....lb.10.00 -10.25
Birch (see Oil, sweet, birch).
Birchtar, crude.....lb. 2.00 - 2.25
rectified, cns.....lb. No stocks
Bois de Rose, Brazil, cns....lb. 4.25 - 5.75
Mexican (see Linaloe, wood).

RCI

FACTS FOR FORMULATORS

Presenting

A CHECK LIST OF RCI CHEMICAL COLORS

What can you get and where can you get it—that's the foremost question in formulators' minds these uncertain days. When it comes to chemical colors you can get almost anything you need from RCI—as demonstrated by the partial RCI list below. For more information and a complete color catalogue, write to the Sales Department at Detroit.

INORGANIC COLORS—Chrome yellows . . . zinc yellows . . . chrome oranges . . . molybdate orange . . . chrome greens (nitrate and acetate) . . . reduced chrome greens . . . iron blues . . . English vermillion.

ORGANIC COLORS—Lithols . . . toluidines . . . paras . . . process reds . . . red toners . . . red lakes . . . organic yellows, oranges, blues, greens and purples.

REICHHOLD CHEMICALS, INCORPORATED

General Offices and Main Plant, Detroit, Mich. Other Plants: Brooklyn, N. Y.; Elizabeth, N. J.; South San Francisco, Calif.; Tuscaloosa, Ala.; Liverpool, England; Sydney, Australia.

ARMY E NAVY

CHEMICAL COLORS · SYNTHETIC RESINS · CHEMURGIC RUBBER · INDUSTRIAL CHEMICALS AND PLASTICS

Oil, bone, dms., works.....gal. .65 - .70
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. 1.85 - 2.25
free from metal, cns.....lb. 2.00 - 2.10
redistilled, cns.....lb. 2.15 - 2.30
Calamus, cns.....lb. No stocks
Camphor, sassafrasy, cns...lb. .45 - .55
white, cns.....lb. .80 - .70
Jom., tech.....lb. .15 -
Cananga, native, cns.....lb.11.75 -16.00
rectified, cns.....lb.11.25 -17.00
Capsicum (oleoresin), USP VIII, cns..lb. 3.75 - 5.50
Caraway, USP, cns.....lb.13.85 -17.00
Cardamom, bits.....lb.24.00 -
Cassia, USP, cns.....lb.10.50 -12.00
Castor,[1,5] blown, dms., returnable, c.l..lb. .15¼- -
l.c.l. .....lb. .16 - -
cold pressed, USP, bbls., c.l., lb. .14 - -
l.c.l. .....lb. .14½- -
cns. (1-gal.), l.c.l.....lb. .17¾- -
cns. (5-gal.), l.c.l.....lb. .15¾- —
dms., returnable, c.l....lb. .13¾- —
l.c.l. .....lb. .14½- —
tanks .....lb. .13 - —
dehydrated, dms.....lb. .1860- —
l.c.l. .....lb. .1900- —
tanks .....lb. .1770- —
extracted, No. 3, tech., bbls., c.l..lb. .13¾- —
l.c.l. .....lb. .14¼- —
dms., returnable, c.l....lb. .13½- —
l.c.l. .....lb. .14¼- —
tanks .....lb. .12¾- —
sulphonated, 50% (43% fat), dms., c.l..lb. .10 - —
l.c.l. .....lb. .11 - —
75% (65% fat), dms., c.l..lb. .12¼- —
l.c.l. .....lb. .13¼- —
80% (68% fat), dms., c.l..lb. .12½- —
l.c.l. .....lb. .13½- —
Cedarleaf, USP, cns.....lb. 1.25 - 1.50
technical, cns.....lb. .90 - 1.10
Cedarwood, Southern, dms...lb. .63 - .85
Celery, bots.....lb.25.00 -30.00
Chaulmoogra, USP, cns.....lb .32 -

Oil, chinawood (see Oil, tung).
Cinnamon, bark oil, bots....lb.25.00 -40.00
leaf oil, dms.....lb. 2.25 -
Citronella, Ceylon, cns.....lb. 1.20 - 1.50
Java, cns.....lb. 2.25 - 3.00
Clove, makers, USP, cns....lb. 1.70 - 1.75
Coconut,[1,5] Manila, crude, bulk, c.i.f..lb. .0635- —
edible, ex tax.....lb. .0985- —
Cod,[4] Newf., dms..... gal. .90 - —
Codliver,[5] med., USP, 30-gal. bbls. or dms..bbl.80.00 -85.00
Coriander, bots.....lb.22.00 -38.00
Corn,[1,5] crude, tanks, works..lb. .12¾- —
refd., bbls.....lb. .15½ Nom
Cottonseed,[5] cooking, bbls....lb. .16¾- —
salad, bbls.....lb. .17 - —
Creosote (see C).
Croton, NF, cns.....lb. 3.90 - 4.00
Cubeb, USP, cns.....lb. 4.50 - 6.50
Crude (see Petroleum, cns.de)
Cumin, bots.....lb. 8.00 -10.00
Cypress, bots.....lb.12.00 - -
Degras (see D).
Dillseed, bots.....lb. 6.25 - 8.00
weed, bots.....lb. 5.50 - 6.00
Dip (see D).
Erigeron, cns.....lb. 2.10 - 3.85
Eucalyptus, 70-75%, cns.....lb. .94 - .98
80-90%, cns.....lb. 1.00 - 1.14
Fennel, sweet, cns.....lb. 3.25 - 4.50
Fishliver,[1,5] 6,000 to under 60,000 units per gram—per million units. .10 - —
60,000 to under 200,000 units per gram..per million units. .15 - —
200,000 or more units per gram—per million units. .25 - —
Fuel (see Petroleum, fuel oil).
Gaultheria (see Oil, wintergreen leaf)
Geranium, Algerian, cns.....lb.14.00 -18.00
Bourbon, cns.....lb.12.00 -20.00
Turkish (see Palmarosa).
Grapefruit, cns.....lb. 1.90 - 2.05
Grapeseed, dom., dms.....lb. .85 - .88
Imported, dms.....lb. .30 - .25
Ginger dist., bots.....lb.20.00 -24.00

Oil, guaiac wood, concrete, bots. lb. 4.50 - 4.75
Hemlock, cns.....lb. 1.15 - 1.35
Juniper berry, cns.....lb. 9.00 -16.00
wood, tech., cns.....lb. 1.50 - 1.55
Juniper, tar, USP, dms.....lb. 1.25 - 1.35
Lard,[5] common, 1, bbls.....lb. .14 - —
extra, No. 1, bbls.....lb. .14½- —
winter, strained, bbls.....lb. .15 - —
prime, burning, bbls.....lb. .16 - —
prime, ined., bbls.....lb. .15½- —
Laurel, bots.....lb. 5.00 Nom.
Lavandin, cns., 25 lbs.....lb. 5.75 - 7.00
Lavender, flower, French, cns.. lb. 8.25 -16.00
garden, cns.....lb. .55 - .75
spike, Spanish, tech., cns...lb. 3.50 - 4.50
pure, cns.....lb. 5.25 - 6.75
Lemon, Calif., cns.....lb. 3.25 - —
Messina, coppers, cns..... No stocks
Terpeneless .....lb.40.00 -55.00
Uruguay, to arrive, 10 kilo cans..lb. 6.00 - 6.25
Lemongrass, cns., dms.....lb. 1.25 - 1.90
Lignaloe, wood, Mex., cns...lb. 3.25 - 3.50
Brazilian (see Bois de rose).
Lime, dist., Mex., cns.....lb. 7.00 - 7.70
Jamaica, cns.....lb. 9.00 -11.50
expressed, Jamaica, cns....lb.11.00 -13.50
Linseed, raw, dms., c.l.....lb. .1540- —
l.c.l. .....lb. .1560- —
5 to 9.....lb. .1600- —
less than 5.....lb. .1620- —
tankcar .....lb. .1500- .1520
tankwagon .....lb. .1520- .1540
Linseed oil drum shipments, plus $6 deposit per drum.
Boiled linseed oil, .004 over raw.
Lubricating,[1] at refinery, ex tax, California, neutrals, pale, 200-600 vis., 2¾-4, tanks..gal. .07¼- .11
red, 200-900 vis., 4-6¼ plus, tanks..gal. .07¾- .11¼
Group 3, bright stock, 150-160 vis., 0-25 pour, tanks, gal. .23½- .28

Oil, lubricating, at refinery, ex tax, Group 3, 300 vis., 3, 0-10 pour, tanks..gal. .14½- .18
200-280 vis., 2, 15-25 pour, tanks..gal. .15 - .17½
Pennsylvania,[5] bright stocks, S color, 140-150 vis., 10-25 pour, tanks, gal. .24 - .30
cylinder oils, 600-630 flash, tanks..gal. .16 - .17
600-650 steam ref'd, tanks..gal. .15 - .15½
neutral, 70° F., 3 color, 150 vis., 0-25 pour, tanks..gal. .21 - .24
200 vis., 0-25 pour, tanks..gal. .23 - .26
Mace, dist. cns., dms.....lb. 4.50 - 6.50
Mandarin, Brazilian, cns.....lb. 6.75 - 9.00
Italian, coppers.....lb.15.10 - —
Menhaden,[1,5] crude, tanks, Balto..lb. .0880- —
ref'd, alkali, dms.....lb. .1270- .1290
kettle-bodied, dms.....lb. .1370- .1390
light-pressed, dms.....lb. .1170- .1190
tanks .....lb. .1090- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns....lb. 1.60 - 1.70
seed,[5] exp., dms.....lb. .13½- —
Neatsfoot,[6] 15° c.t., bbls....gal. 1.90 - —
20°, bbls.....gal. 1.80 - —
30°, bbls.....gal. 1.90 - —
pure, bbls.....lb. .18¼ Nom.
Neroli, bots.....lb.300.00 -375.00
Nutmeg, dist., cns., dms....lb. 4.50 - 6.50
Oiticica,[1,6] liquid, dms.....lb. .23 - —
solid, dms.....lb. .23 - —
Oleo,[5] 1, bbls.....lb. .13¾ Nom.
Olibanum, bots.....lb. 4.50 - 5.00
Olive,[5] denat., dms.....gal. 3.75 - 4.00
edible, Calif., dms.....gal 4.75 Nom.
imported, dms.....gal. 5.25 Nom.
foots, dms.....lb. .19 Nom.
sulphonated, 50% (40% fat), dms., c.l..lb. No prices
l.c.l. .....lb. No prices
35% (68% fat), dms., c.l.lb. No prices
l.c.l. .....lb. No prices
80% (68% fat), dms., c.l..lb. No prices
l.c.l. .....lb. No prices
Orange, sweet, dist., cs.....lb. 1.00 - —
expressed, Calif., cns.....lb. 2.25 - —
Argentine, 10-kilo cns....lb. 2.50 - 2.75
Brazilian, cns.....lb. 1.20 - 1.25
Florida, cns., dms.....lb. 1.30 - 1.35
Messina, USP, coppers..lb. No stocks
Mexic'n, sponge-press, cns.lb. 5.50 - 5.75
West Indian, cns.....lb. 5.00 - 5.50
sesquiterpeneless, bots....lb.195.00 - —
Origanum, Spanish, cs.....lb. 2.40 - 3.25
Palm,[1,5] Niger, bulk, c.i.f..lb. .0825- —
Palmarosa, cns.....lb. 4.85 - 6.25
Paraffin,[1] 320° flash, 60-70 vis., tanks, G.3..gal. .05¾- —
350° flash, 70-80@100 vis., 0/10 pour..gal. .08 - —
100-100 vis., 0/10 pour....gal. .08½- —
100-100 vis., 10/25 pour...gal. .08¼- —
80-85 vis., bbls., extra, Ind. refy..gal. .12 - —
100-105 vis., bbls., extra, Ind. refy..gal. .14 - —
300° flash, 100-110 vis., tanks, G.3..gal. .05¾- —
Patchouli, cns.....lb. 6.45 - 9.00
Peanut,[1,5] crude, tanks, mill..lb. .13 - —
refd., edible, bbls.....lb. .16½ Nom.
Pennyroyal, dom., cns.....lb. 2.60 - 3.10
import, cns.....lb. 2.50 - 3.00
Peppermint, natural, dms...lb. 5.50 - 5.75
redist., USP, cns., dms....lb. 5.80 - 6.95
Perilla,[1,5] crude, dms.....lb. .2450- —
Petitgrain, Paraguay, cns...lb. 1.75 - 2.00
dms. .....lb. 1.70 - 1.95
Pimento berry, cns.....lb. 8.00 - 8.75
leaf, cns.....lb. 4.75 - 5.25
Pine, tanks, works.....gal. .55 - —
Pineneedle, Siberian, cns....lb. 3.00 - 3.25
Putty,[2] bbls., E. Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
dms., c.l., Whiting Ind.gal. *.24 - —
Boston, Providence....gal. .25 - —
l.c.l., same basis....gal. .27 - —
tanks, same basis...gal. .18 - —
Martinez, Cal.....gal. .28 - —

* Extra for bbls. but subject to quantity discounts, ranging from 2c. to 5c. per gallon, according to amount purchased.

Rapeseed,[1,5] denat., bulk, c.i.f. lb. .1150- —
Red,[5] dms., divd.....lb. .13¼- .14¼
tanks, divd.....lb. .12½- —
Rose, natural, coppers.....oz.15.00 -35.00
Rosemary, Spanish, cns.....lb. 1.60 - 2.35
dms. .....lb. 1.50 - 2.25
Rosin, 1st rectified, dms....gal. .60 - —
2d rectified, dms.....gal. .62 - —
3d rectified, dms.....gal. .66 - —
Rue, bots.....lb. 7.50 -13.50
Sage, Spanish, cns.....lb. 3.50 - 3.75
Sandalwood, NF, dist., cns..lb. 6.00 - 6.10
Mysore, cns., case lots...lb. 7.00 - 7.25
Sardine, crude,[1,5] tanks, Pac. Coast..lb. .0890- —
ref'd, alkali, dms.....lb. .1270- .1290
kettle-bodied, dms.....lb. .1370- .1390
light-pressed, dms.....lb. .1170- .1190
tanks .....lb. .1090- —
Sassafras, artif., cns.....lb. 2.00 - 2.25
natural, dom., cns., dms...lb. 1.95 - 2.40
Savin, cns.....lb.16.00 -25.00
Savory, cns.....lb. 8.00 - 8.25
Sesame, tanks, Pac. coast...lb. .15 Nom.
Shingle st'n, bbls., c.l., wks.gal. .19 - —
l.c.l., works.....gal. .20 - —
tanks, works.....gal. .14 - —
Snakeroot, Canada, cns...lb.12.75 - —
Soybean,[1,5] cr., tank, mill..lb. .1175- —
clarif., dms.....lb. .1290- .1340
tanks .....lb. .1250- —
refd., varnish, dms.....lb. .1380- .1400
tanks .....lb. .1340- —
Spearmint, dms....lb. 3.00 - 3.50
Sperm,[1,6] bleach, 38°, dms...lb. .1301- —
natural, dms.....lb. .1223- —
Spruce, cns., dms.....lb. 1.15 - 1.40
Sunflower,[1,5] tanks.....lb. .1430- —
Sweet birch, North, cns.....lb. 4.75 - 6.00
South, cns.....lb. 2.50 - 4.75
Tall, crude, dms., c.l., wks.ton.55.00 - —
l.c.l., works.....ton.60.00 -65.00
tanks, works.....ton.40.00 - —
refined, dms., c.l., works..lb. .05 - —
l.c.l., works.....lb. .05½- —
tanks, works.....lb. .04½- —
Tallow,[5] acidless, bbls.....lb. .14¼- —
tanks .....lb. .13¾- —
Tansy, cns.....lb. 3.00 - 4.00
Tar, pine, dms., E. cities..gal. .30 - .33
tanks .....gal. .24½- —
rect., USP, bbls.....gal. .60 - —
Tar acid (see C).
Thyme, NF, red, cns.....lb. 2.50 - 4.00
white, cns.....lb. 2.85 - 4.75
Tung,[1,6] dms.....lb. .39 - —
tanks .....lb. .38¾- —
Turkey red (see Castor, sulphonated).
Turpentine (see T).
Vetiver, Java, bots.....lb.25.00 -40.00
Whale, ref., natural, dms...lb. .1070- —
Winter, bleach, dms.....lb. .1110- —
Wheat germ, dms., 100-gal.gal.10.00 - —
25-gal. .....gal.12.50 - —
10-gal. .....gal.13.50 - —
White, mineral, tech., 50-65 vis., returnable, dms., c.l. gal. .36 - —
l.c.l. .....gal. .42 - .45
65/75 vis., c.l.....gal. .36 - —
l.c.l. .....gal. .42 - .45

Available

PRODUCTS

Products which are available to the perfumer at reasonable prices.

Oil of Cedar Leaf American Pure
Exceptionally Fine Quality
Oil of White Cedar
II Distilled
III Distilled
Oil of Petitgrain South American 46% Ester
Linalyl Acetate
Linalool
Oil of Rosewood Brazilian
Ionone A. B.
Ionone Methyl
Aubepine
Para Cresyl Ethyl Ether
Para Cresyl Methyl Ether
Phenyl Ethyl Alcohol
Cyclamal
Indol
Oil of Balsam Fir American
Oil of Pine Needles American
Oil of Juniper Leaves American
Phenyl AcetAldehyde DiMethyl Acetal
Methyl Naphthyl Ketone, Crystals, Liquid
Alpha Amyl Cinnamic Aldehyde
Ethyl Methyl Phenyl Glycidate
Hydratropic Aldehyde

Requests for samples on your firms letterhead and further information will be promptly furnished

Aromatics Division

GENERAL DRUG COMPANY

644 Pacific St., Brooklyn, N. Y.

9 S. CLINTON STREET, CHICAGO 1019 ELLIOTT STREET, W., WINDSOR, ONT.

OPD—3-29-1943

Oil, white, mineral, USP, 80/90 vis., dms., c.l..lb. .39 - —
l.c.l. .....gal. .45 - .48
95/105 vis., dms., c.l....gal. .44½- —
l.c.l. .....gal. .50½- .53½
125/135 vis., dms., c.l...gal. .49 - —
l.c.l. .....gal. .55 - .58
145/155 vis., dms., c.l...gal. .51 - —
l.c.l. .....gal. .57 - .60
175/185 vis., c.l.....gal. .54½- —
l.c.l. .....gal. .60½- .63½
200/210 vis., c.l.....gal. .58 - —
l.c.l. .....gal. .64 - .67
320/330 vis., c.l.....gal. .65 - —
l.c.l. .....gal. .71 - .74
335/345 vis., c.l.....gal. .66 - —
l.c.l. .....gal. .72 - .75
f.o.b. San Francisco, 55 vis., returnable bbls., c.l..gal. .40 - —
5 bbls.....gal. .45 - —
85 vis., c.l.....gal. .40 - —
5 bbls.....gal. .45 - —
100 vis., c.l.....gal. .49½- —
5 bbls.....gal. .45 - —
145 vis., c.l.....gal. .57 - —
5 bbls.....gal. .62 - —
180 vis., c.l.....gal. .60½- —
5 bbls.....gal. .65½- —
340 vis., c.l.....gal. .72 - —
5 bbls.....gal. .77 - —
Russian .....gal. No prices
Wintergreen, North, cns....lb. 5.50 - 8.50
South, cns.....lb. 4.00 - 5.25
synth. (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. 2.75 - 3.00
Wormwood, cns.....lb. 4.25 - 5.00
Ylang-ylang, Bourb., bots...lb.20.00 -28.00
Manila, bots.....lb.40.00 -45.00
Olivine, aggregate, c.l., mines, ton. 7.00 -11.00
Lumps, same basis.....ton. 7.00 - —
Spalls, same basis.....ton. 5.00 - —
Crushed, 8 mesh, bulk, c.l., works..ton. 8.00 - —
paper bgs., c.l., works..ton. 9.50 - —
325 mesh, c.l., mines.....ton.20.00 - —
200 mesh, c.l., mines.....ton.17.00 - —
100 mesh, c.l., mines.....ton.15.00 - —
20 mesh to dust.....ton.12.00 - —
Opium gum, USP, 50-lb. lots, cns..lb.13.00 - —
25-lb. lots, cns.....lb.13.25 - —
5-lb. lots, cns.....lb.13.50 - —
1-lb. lots, cns.....lb.13.65 - —
Prices on powd. and gran. USP opium are $1.50 per pound higher.
Orange, Lake, Persian, bbls...lb. .30 - .45
Mineral, Amer., bbls., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .12¼- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .12¾- —
Colo., Mont., N. M., Wyo..lb. .12½- —
dlvd. other points...lb. .12 - —
smaller lots, dlvd. Ala., etc..lb. .12¾- —
Ariz., etc.....lb. .13¼- —
Colo., Mont., N.M., Wyo. lb. .13 - —
Other points.....lb. .12½- —
Molybdate,[6] bbls.....lb. .31 - —
Toner, bbls.....lb. .80 - .105
Orangeflower petals, cs.....lb. .45 - .75
Haitian, bgs.....lb. .09 - .10
sweet, bls.....lb. .17 - .20
Orange peel, bitter, bbls.....lb. .30 - .31
Oregano, Mexican, bgs.....lb. .15 - .16
Orris root, African, bls.....lb. .95 - 1.00
powd., bbls., bxs.....lb. 1.05 - 1.10
Portuguese, bls.....lb. .45 - .46
Verona, bls.....lb. 1.25 - 1.30
Orthoamylphenol, l.c.l., dms., works..lb. .25 - —
Orthoanisidin, bbls.....lb. .70 - —
Orthochloranilin, dms.....lb. .69 - .70
Orthochlorophenol, dms.....lb. .32 - —
Orthocresol,[9] 30.4° C. Min. M. P., dms., c.l., works..lb. .17½- .18
l.c.l., same basis.....lb. .18 - .18½
Orthocresol, 29° Min. M. P., dms., c.l., works..lb. .16½- .17
l.c.l., same basis.....lb. .17 - .17½
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies..lb. .06 - .07½
l.c.l., same basis....lb. .07 - .08½
100-lb. tins, same basis..lb. .08 - .09
50-lb. tins, same basis.lb. .09 - .10
tanks, same basis.....lb. .05½- .06½
Orthodichlorobenzene prices west of Rockies 1c per lb. higher.
Orthonitroanilin, dms.....lb. .45 - —
Orthonitrochlorobenzene, dms..lb. .15 - .18
Orthonitroparachlorophenol,cns.lb. .75 - —
Orthonitrotoluene, dms.....lb. .09 - —
Orthophenetidin, dms.....lb. .82 - —
Orthotoluidin, dms.....lb. .19 - —
Osage orange, crystals, bgs....lb. .23 - —
extract, bbls., No. 1.....lb. .11 - —
No. 2.....lb. .10 - —
Oxyquinolin sulphate, cns., 100 lbs., works..lb. 3.50 - —
bots., cns., 1-50 lbs.....lb. 3.75 - 4.15

P

Papain, powd., cs.....lb. 3.90 - 4.00
f.o.b. Long Beach, Calif., contract..lb. 3.25 - 4.00
Paprika,[1] Portuguese, extra fancy, bgs..lb. .37 - .38
good, old crop, bgs.....lb. .32 - .32½
Spanish, extra fancy, cs.....lb. .51 - .52
good, bgs.....lb. .42 - .43
medium, cs.....lb. .41 - .42
Parachlorophenol, dms.....lb. .32 - —
Paracymene, refd., dms....gal. .75 - 1.25
Paradichlorobenzene, dms., c.l.lb. .11 - .13
l.c.l. .....lb. .12¼- .15
Paraffin,[1] crude scale and semi-refined, 122-124 A.M.P., slack bbls. or solid in 100-kilo bgs., 10,000 lbs., f.o.b. refinery..lb. .04½- —
124-126 A.M.P., same basis.lb. .04½- —
126-128 A.M.P., same basis.lb. .04½- —
128-130 A.M.P., same basis.lb. .04⅝- —
130-132 A.M.P., same basis.lb. .05 - —
132-134 A.M.P., same basis.lb. .05¼- —
134-136 A.M.P., same basis.lb. .05½- —
fully refd., 120-122 A.M.P., bbls., slabs, loose, same basis..lb. .05 - —
123-125, A.M.P., slabs, loose, same basis..lb. .0520- —
120-122 A.M.P., slabs, loose, same basis..lb. .0520- —
128-130 A.M.P., slabs, loose, same basis..lb. .0560- —
130-132 A.M.P., slabs, loose, same basis..lb. .0585- —
131-133 A.M.P., slabs, loose, same basis..lb. .0585- —
133-135 A.M.P., slabs, loose, same basis..lb. .0615- —
135-137, A.M.P., slabs, loose, same basis..lb. .0640- —
138-140 A.M.P., slabs, loose, same basis..lb. .0715- —
141-143 A.M.P., slabs, loose, same basis..lb. .0765- —
143-145, A.M.P., slabs, loose, same basis..lb. .0810- —
145-150 A.M.P., slabs, cartons, same basis..lb. .0860- —

Paraffin, fully refined, 146-148 A.M.P., slabs, loose, same basis..lb. .0950- —
149-151 A.M.P., slabs, loose, same basis..lb. .10¼- —
160-165 A.M.P., f.o.b. refinery, San Francisco, c.l..lb. .14 - —
Paraffin wax, crude and semi-refined, packed in 50-kilo bgs., is 10 points per lb. higher; prices on slabbed material are 20 points per lb. higher than on solid. Tankcar prices are 20 points less than barrel prices. Fully refined wax in bags is 40 points higher than slabs loose; fully refined wax in tankcars is 5 points lower than slabs loose prices.
Paraformaldehyde,[2] dms., 1,000 lbs. or more, shipments, f.o.b. Perth Amboy, Philadelphia or N.Y.C..lb. .23 - —
100 to 900 lbs., shipments, same basis..lb. .24 - —
Paranitrophenol, kgs. .....lb. .35 - —
Paraldehyde, tech., 98%, 55 and 110-gal. dms., l.c.l., works.lb. .12 - —
5 and 10-gal. dms., works.lb. .15 - —
USP, cns, cbys.....lb. .35 - .45
Paranisidine, dms. .....lb. .75 - —
Paranitroanilin, kgs., works...lb. .45 - —
Paranitrochlorobenzene, kgs...lb. .15 - —
Paranitrotoluene, kgs.....lb. .30 - —
Paraphenylenediamine, bbls....lb 1.25 - 1.30
Paratoluenesulphonamide, bbls.lb. .70 - —
Paratoluidin, bbls.....lb. .45 - —
Pareira brava root, bls.....lb. .21 - .27
Paris green, dealer, dms., kgs., c.l., f.o.b. wks., frt. alld..lb. .24 - .26
l.c.l., same basis.....lb. .25 - .27
Passion flower, herb, bls.....lb. .08 - .09
Patchouli leaves, bls.....lb. .35 - .40
Peanut meal, 45-47% protein Southern Alabama-Georgia mills, March delivery...ton.35.00 - —
45-50%, same basis.....ton.37.00 - —
51% or more, same basis.ton.39.00 - —

Pectin, 200-lb. bbls.....lb. .80 - —
Pellitory root, bls.....lb. .65 - .70
Pennyroyal leaves, bls.....lb. .15 - .16
Pentachlorophenol, dms., works, lb. .20 - .25
Pentaerythritol,[8] C.P., bbls., dlvd. lb. .75 - —
less than barrel lots.....lb. 1.00 - —
tech., bbls., dlvd.....lb. .33½- .35½
less than barrel lots.....lb. .40 - —
Tetra acetate, bbls., dlvd....lb. 1.00 - —
less than barrel lots.....lb. 1.50 - —
Pentane,[1] 28°-38° C., industrial grade, dms., c.l., G.S., gal. .11 - —
l.c.l., G.S .....gal. .19 - —
tanks, G.S.....gal. .06½- .07⅛
laboratory grade, dms., c.l., G.S..gal. .16 - —
l.c.l., G.S.....gal. .29 - —
10 gal., G.S.....gal. .55 - —
Pepper, black,[1] 15 tons, bgs..lb. .0665- .0675
50 to 100 bgs.....lb. .0705- .0715
White,[1] 15 tons, bgs.....lb. .1161- —
24 bgs. .....lb. .1295- .1305
red, chillies, Carolina, longs, bgs..lb. .20½- .21
Louisiana, sports, bgs.....lb. .31 - .32
Mombassa, bgs. .....lb. .23 - .24
Sierra Leone, bgs.....lb. .22½- .23
Peppermint, USP, dom., bls...lb. .45 - .50
import, bls. .....lb. .96 - 1.10
Perchlorethylene,[5] dms., c.l., works, frt. alld., zone 1..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
Zone 2, dms., c.l., works, frt. alld..lb. .08½- —
l.c.l., same basis.....lb. .09 - —
Zone 3, dms., c.l., works, frt. alld..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
Zone 4, dms., c.l., f.o.b. stock point..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
All prices on perchlorethylene are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Zone 1 includes the following state:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., N. H., Tenn., Ind, Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb.; Kansas City, Kansas, Zone 2, includes Ala., Kan., except Kansas City; N. D., Ga., Neb., except Omaha; S. D., Miss., Ark., S. C., La., Okla., and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Peru balsam, dms.....lb. 1.25 - 1.30
Petrolatum, USP XII, amber, fiber dms., non-returnable.lb. .03⅜- —
l.c.l. .....lb. .04⅛- —
extra amber, c.l.....lb. .03⅜- —
l.c.l. .....lb. .04⅛- —
cream, c.l. .....lb. .04⅜- —
l.c.l. .....lb. .06¼- —
yellow, soft, c.l.....lb. .03⅜- —
l.c.l. .....lb. .04⅛- —
white, USP XII, lily, c.l..lb. .06½- —
l.c.l. .....lb. .07 - —
snow, c.l. .....lb. .06¼- —
l.c.l. .....lb. .07⅛- —
soft, c.l. .....lb. .06¼- —
l.c.l. .....lb. .06¼- —
dark, bbls., returnable, c.l., Group 3..lb. .021 - —
golden topaz, c.l. .....lb. .032 - —
l.c.l. .....lb. .036 - —
red, veterinarian, c.l.....lb. .024 - —
l.c.l. .....lb. .028 - —
Petroleum, crude, bulk, at wells, California .....bbl. .80 - 1.23
Illinois .....bbl. 1.37 - —
Kentucky, Union County.bbl. 1.32 - 1.37
Louisiana-Arkansas .....bbl. .86 - 1.36
Oklahoma-Kansas .....bbl. .75 - 1.25
Pennsylvania .....bbl. 1.31 - 3.00

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Producing Plant: Exchange Lemon Products Co., Corona, California
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Petroleum, crude, bulk, at wells,
Texas, East ..... bbl. 1.25 - 1.43
West ..... bbl. .70 - 1.12
Wyoming ..... bbl. 1.12 - —
Ether, laboratory grade,
30-60° C., c.l.. lb. .18 - —
l.c.l. ..... gal. .29 - —
10 gals. ..... gal. .55 - —
35-60° C., l.c.l. ..... gal. .29 - —
10 gals. ..... gal. .55 - —
40-75° C., c.l. ..... gal. .16 - —
l.c.l. ..... gal. .29 - —
10 gals. ..... gal. .55 - —

Petroleum ether prices are spot quotations f.o.b. Group 3, for material packed in drums.

Fuel oil, at refinery:—
Arkansas, No. 1, tanks... gal. .04 - —
Nos. 2 and 3..... gal. .03½- —
California, heavy..... bbl. .80 - .85
light ..... bbl. .90 - .95
diesel, tanks ..... gal. .06 - .06
Group 3, No. 3, tanks... gal. .06½- —
No. 5 ..... bbl. .85 - —
No. 6 ..... bbl. .80 - .85
Kansas, No. 6..... bbl. .85 - .90
Oklahoma, No. 3, tanks.. gal. .06½- —
No. 6 ..... bbl. .90 - —
14-16 ..... bbl. .97 - —
Pennsylvania, No. 1, tanks, gal. .06¼- .06½
Nos. 2 and 3..... gal. .06¼- .07⅛
Bunker fuel oil, f.o.b. New York harbor.. bbl. 1.65 - —
Philadelphia ..... bbl. 1.65 - —
Portland, Me. ..... bbl. 1.65 - —
Boston, Mass. ..... bbl. 1.65 - —
Charleston, Mass. ..... bbl. 1.60 - —
Savannah, Ga. ..... bbl. 1.60 - —
Norfolk, Va. ..... bbl. 1.65 - —
Providence, R. I. ..... bbl. 1.65 - —
Baltimore, Md. ..... bbl. 1.65 - —
Jacksonville, Fla. ..... bbl. 1.60 - —
Port Tampa, Fla..... bbl. 1.55 - —

Petroleum, bunker fuel oil, f.o.b.
New Orleans, La..... bbl. .85 - —
Fort Arthur, Tex..... bbl. .85 - —
Houston, Tex. ..... bbl. .85 - —
Texas City..... bbl. .85 - —

Lacquer diluent, at refinery:—
California, 100 l.b.n. 200 e.p., tanks, dlvd., Los Angeles, gal. .11 - —
Fort Welles, Wash.... gal. .12 - —
San Francisco ..... gal. .11½- —
Willbridge, Ore. ..... gal. .12 - —
East Coast, N. Y., tanks, gal. .11 - —
N. J., tanks..... gal. .11½- —
Group 3, benzol type, tankcars.. gal. .07⅞- —
toluol type, tanks..... gal. .07⅞- .07¼
Mineral spirits, at refinery,
California (f.o.b. San Francisco), 168-252 b.r., tanks, gal. .10¼- —
198-290 b.r., tanks... gal. .10¼- —
246-397 b.r., tanks... gal. .10¼- —
312-408 b.r., tanks... gal. .09 - —
362-458 b.r., tanks... gal. .09 - —
East Coast, N. Y., tanks, gal. .10 - —
N. J., tanks..... gal. .10 - —
Group 3 tanks..... gal. .06½- —
Gulf Coast, tanks..... gal. .06½- —
tankwagon, Baltimore, 35-100 gals.. gal. .13 - —
100 gals. or more... gal. .12 - —
Boston ..... gal. .12 - —
Bridgeport, Conn. ..... gal. .1630- —
Buffalo ..... gal. .1240- —
Camden, N. J. ..... gal. .11 - —
Chicago ..... gal. .13½- —
Detroit ..... gal. .1580- —
Hartford ..... gal. .1630- —
Kansas City, Mo. ..... gal. .1480- —
Lancaster, Pa. ..... gal. .12 - —
Milwaukee ..... gal. .1440- —

Petroleum, mineral spirits, tankwagon, Minneapolis..... gal. .1420- —
Newark (200 gal.)..... gal. .11 - —
New York (200 gal.).... gal. .11 - —
Philadelphia ..... gal. .11 - —
Pittsburgh ..... gal. .129 - —
Providence ..... gal. .13 - —
Rochester ..... gal. .1320- —
St. Louis ..... gal. .1370- —
Syracuse ..... gal. .14 - —
Washington, D. C. ..... gal. .13 - —
Wilmington, Del. ..... gal. .13 - —
Naphtha, cleaners at refinery:—
California (f.o.b. San Francisco), tanks.. gal. .12 - —
East Coast, N. Y., tankcars.. gal. .11 - —
N. J., tankcars..... gal. .11 - —
Group 3, tankcars..... gal. .07½- —
Gulf Coast (f.o.b. New Orleans), tankcars.. gal. .06¾- —
tankwagon, Boston..... gal. .13 - —
Bridgeport ..... gal. .1730- —
Chicago ..... gal. .1380- —
Detroit ..... gal. .15 - —
Milwaukee ..... gal. .1420- —
Newark ..... gal. .12 - —
New York..... gal. .12 - —
Philadelphia ..... gal. .125 - —
St. Louis..... gal. .1470- —
high-solvency, aromatic, No. 1,[6] over 76% arom., tanks, f.o.b. Bayway.. gal. .21½- —
No. 2,[6] over 90% arom., same basis.. gal. .21½- —
No. 3, same basis..... gal. .22½- —
No. 8,[6] tanks, f.o.b. Bayway, N. J., frt. alld.. gal. .228 - —
No. 30,[6] tanks, f.o.b. Kingsland, N.J., frt. alld.. gal. .223 - —
No. 40, tanks, f.o.b. Wilmington, Cal.. gal. .13½- —

Petroleum, naphtha, V.M.&P., at refinery:—
California, 46.5 254 l.b.p., 380 e.p., tanks, f.o.b. El Segundo.. gal. .11 - —
Richmond ..... gal. .11¼- —
Willbridge, Ore., Pt. Wells, Wash.. gal. .12 - —
54-77, 190 l.b.p., 310 e.p., tanks, dlvd. Los Angeles.. gal. .10 - —
San Francisco.... gal. .10½- —
Portland, Seattle.gal. .11 - —
East Coast, N. Y., tanks, gal. .11 - —
N. J., tanks..... gal. .11 - —
Group 3, tanks..... gal. .07½- —
Gulf Coast (dlvd. New Orleans), tanks.. gal. .06½- —
tankwagon, Boston..... gal. .13 - —
Chicago ..... gal. .1380- —
Detroit ..... gal. .15 - —
Milwaukee ..... gal. .1540- —
Mnneapolis ..... gal. .1520- —
Newark (200 gal.)..... gal. .125 - —
New York..... gal. .12 - —
Philadelphia ..... gal. .125 - —
Pittsburgh ..... gal. .12½- —
St. Louis..... gal. .1470- —
Solvent, rubber, at refinery,
California (f.o.b. San Francisco).. gal. .24 - —
East Coast, N.Y., tanks. gal. .11 - —
N. J., tanks..... gal. .11 - —
Group 3, tanks..... gal. .07¼- .07½
Stoddard (CS 8-53), at refinery:—
California (f.o.b. San Francisco), tanks.. gal. .11 - —
East Coast, N. Y., tanks, gal. .09½- —
N. J., tanks..... gal. .09½- —
Group 3, tanks..... gal. .06¾- —
tankwagon, Baltimore... gal. .13 - —
Boston ..... gal. .12 - —
Chicago ..... gal. .13½- —
Detroit ..... gal. .1580- —
Milwaukee ..... gal. .1440- —
Minneapolis ..... gal. .1420- —
Newark ..... gal. .11 - —
New York..... gal. .11 - —
Philadelphia ..... gal. .11 - —
Pittsburgh ..... gal. .12½- —
St. Louis..... gal. .1370- —
Syracuse ..... gal. .14 - —

Phenobarbital, 5-lb. tns..... lb. 3.60 - 3.70
dms., 100 lbs., spot or contract lb. 3.50 - —

Phenol,[6] USP, dms., c.l., works, frt. equald.. lb. .10¼- —
l.c.l., same bass..... lb. .11¼- —
tanks, same basis..... lb. .09¼- —
Phenolphthalein, USP, bbls., dms., 2,000-lb. lots.. lb. .85 - —
bbls., dms., 100-250 lbs... lb. .87 - .89
yellow, fib. dms., 2,000 lbs.. lb. .80 - —
100-lb. fib. dms..... lb. .82 - —
25-lb. dms..... lb. .87 - —
50-lb. kgs..... lb. .84 - —
Phenothiazin, unmodified, fib. dms., 2,000-lb. shipt.... lb. .55 - —
150 lbs., same terms..... lb. .65 - —
50 lbs., same terms..... lb. .70 - —
100 lbs., same terms..... lb. .67 - —
Phenyl chloride, dms..... lb. .17 - —
Phenylacetaldehyde, 50% solut., bots.. lb. 2.75 - 3.00
100% solut., bots..... lb. 4.40 - 5.00
Phenylethyl acetate, cns..... lb. 5.00 - 5.25
Phenylethylphenyl acetate, bots. lb. 8.00 -15.00
Phenylhydrazin, base, CP., bots. lb. 4.55 - —
Hydrochloride, CP, bots., works. lb. 7.10 - —
commercial, kgs., works... lb. 1.75 - —
Phloroglucinol, CP, 100-lb. lots, fib. dms., wks.. lb. 13.75 - —
5-lb. lots, fib. dms., wks.. lb. 14.75 - —
tech., 1,000-lb. lots, fib. dms., wks.. lb. 12.00 - —
100-lb. lots, fib. dms., wks. lb. 12.50 - —
Phosgene, ton lots, works..... lb. .19 - —
Phosphate rock,[1,6] Fla., land pebble, unground, run-of-mine, washed, dried, 68%-66% B. P.L., according to provisions of Maximum Price Regulation 240, bulk, f.o.b. car, mine, c.l.... long ton. 2.00 - —
70%-68% B.P.L., M.P.R., 240 provisions, same basis.... long ton. 2.40 - —
72%-70% B.P.L., M.P.R. 240 provisions, same basis.... long ton. 3.00 - —
75%-74% B.P.L., M.P.R. 240 provisions, same basis.... long ton. 4.00 - —
77%-76% B.P.L., M.P.R. 240 provisions, same basis.... long ton. 5.00 - —
finely ground, M.P.R. 240 provisions, same basis.... short ton. 2.75 - —
68%, basis 31% P_2O_5 minimum.. short ton. 3.00 - —
70%, basis 32% P_2O_5 minimum.. short ton. 3.25 - —
All pebble 50c. per ton hgher than above prices.
Tenn., brown unground, run-of-mine, washed, dried, 68%-66% B.P.L. f.o.b. cars, mines, c.l.. long ton. 4.30 - —
70%-68% B.P.L. 5% I. & A., M.P.R. 240 provisions, same basis.. long ton. 4.80 - —
72%-70% B.P.L., 5½% I. & A., M.P.R. 240 provisions, same basis, long ton. 5.30 - —
finery ground rock, M.P.R. 240 provisions, same basis, short ton. 4.50 - —
30% P_2O_5, same basis..... short ton. 4.70 - —
31% P_2O_5, same basis..... short ton. 4.80 - —
32% P_2O_5, same basis..... short ton. 5.00 - —
33% P_2O_5, same basis..... short ton. 5.50 - —
Phosphorus, red amorphous, cs., lb. .40 - .44
tins for export..... lb. .55 - —
yellow,[6] dms..... lb. .18 - .20
cases ..... lb. .23 - .25
Oxychloride,[6] cyls..... lb. .15 - .18
Pentoxide, dms., c.l., works.. lb. .11 - .12
l.c.l., dms., works..... lb. .13 - .14
Sesquisulphide, cs..... lb. .38 - .42
Trichloride, cyls..... lb. .15 - .16
Phthalamide, bbls., wks..... lb. .35 - —
single, bbls., works..... lb. .40 - —
kgs., works..... lb. .45 - .50
Phthalic anhydride,[6] bbls., c.l., works, frt. alld. E. of Miss. lb. .14½- —
l.c.l., same basis..... lb. .15½- —
Pichi leaves, bgs..... lb. .08 - .09½
Picrotoxin, bots. ..... oz. 8.00 - —
Pilocarpine, hydrochloride, bots., vls.. oz. 3.90 - 5.25
Nitrate, bots., vls..... oz. 3.80 - 5.15
Pimento,[1] Jamaica, bgs..... lb. .25 - .25½
Mexican (see Allspice, Mexican).
Pinkroot, bls. ..... lb. .63 - .80
Piperazine hexahydrate, 100-lb. lots, bots.. lb. 16.00 - —

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SKELLY BLDG., KANSAS CITY, MO.

Pitch, burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works..ton. 19.00 - —
l.c.l. ..ton. 22.00 - —
Pitch, hardwood, 1-time, dms., c.l., dlvd., Akron..ton. 25.75 -24.00
Linseed, dms..lb. .05 - .05½
Petroleum (see Asphaltum, Mexican, Texas).
Pine, dms. ..100 lbs. 2.25 - —
Stands, 200 lbs..stand. 6.00 - —
Plaster of paris (see Gypsum).
Pleurisy root, Southern, bls...lb. .12 - .13
Podophyllin, dms., dlvd. E. of Miss..lb. 8.75 - 9.00
Pokeroot, bbls..lb. .10 - .11
Polyamyl naphthalene, l.c.l., dms., works..lb. .25 - —
Pomegranate bark, bgs..lb. 1.05 - 1.10
Root bark, bgs..lb. .80 - .85
Poppy flowers, red, bls..lb. .70 - .85
seed, Dutch, bgs..lb. .50 - .52
Indian, white, bgs..lb. .09¾- .10¼
Turkish, bgs..lb. .36½- .37
Potash, abietate..lb. .06 - —
Acetate, USP, bbls., dms...lb. .28 - —
cns., 25 lbs..lb. .31 - .44
Arsenite,[4] USP, solut., 100-lb. lots, cbys., dms..lb. .13 - .15
Bicarbonate, USP, cryst. or gran., bbls., kgs., 300 lbs., lb. .19 - .21
Bichromate[2,5], spot, c.l., cks., bbls., works..lb. .09¾- —
6 casks or 10 bbls. or over, works..lb. .09¾- —
5 casks or 9 bbls. or less, works..lb. .10 - —
Potash bichromate in bgs., ¼c. less.
Bromide, USP, gran., bbls., 500 lbs..lb. .27 - .31
kgs., 100 lbs..lb. .28 - .33
Carbonate, calc., dcons., c.l., works..lb. .06¼- —
l.c.l., same basis..lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .06¼- —
l.c.l., dms., same basis..lb. .05¾- —
liquid, dms., c.l., works, frt. alld..lb. .03 - —
l.c.l., dms., same basis..lb. .06¼- —
tanks, same basis..lb. .02¾- —
USP, gran., bbls., 325 lbs..lb. .14 - .16
powd., bbls., 325 lbs..lb. .19 - —
kgs., 100 lbs..lb. .21 - —
Caustic, flake, 88-92%, dom., c.l., works..lb. .07 - —
l.c.l., works..lb. .07½- —
liquid, 45% basis, dms..lb. .05¼- .05½
tanks ..lb. .02¾- —
solid, 88-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l. ..lb. .06½- .06¾
Chlorate,[2,6] cryst., kgs., wks., lb. .11 Nom.
powd., kgs., works..lb. .09¾- .10
exp't., 1 to 10 tons, kgs., ex whse..lb. .18 - .20
Chloride, tech., 95%, cryst., bgs., kgs..lb. .05 Nom.
Chromate,[2,5] bgs..lb. .24 - .27
Citrate, USP, gran., 250-lb. bbls., lbs..lb. .33½- —
100-lb. dms..lb. .34½- —
25-lb. dms..lb. .35½- —
25-lb. dms..lb. .37½- .38½
powd., 3c. per lb. higher.
Cyanide, dom., dms., works..lb. .55 - —
gold, 41% gold, bots., works, oz. 14.20 -14.95
Fluoride, bbls..lb. .34 - .40
Glycerophosphate, 75% sol., dms., 1,000-lb. lots..lb. 1.50 - 1.52
100-lb. lots..lb. 1.60 - 1.62
50-lb. lots, cbys. or cns..lb. 1.65 - 1.67
25-lb. lots, cns. ..lb. 1.75 - 1.77
Guaiacolsulphonate, NF, dms. 100-lb. lots..lb. 1.75 - —
Hydroxide, USP, sticks, dms., 100 lbs. to 1,000 lbs..lb. .34 - .36
Hypophosphite, cns., 100 lbs..lb. .72 - —
25 to 50 lbs..lb. .75 - —
Iodate, bots., 5 lbs..lb. 2.46 - —
cns., 25 lbs..lb. 2.55 - —
Iolide, bots. or cans..lb. 1.44 - 1.48
dms. ..lb. 1.35 - 1.38
Kainit, 20% K_2O, bulk, ex vessel, Atlantic or Gulf ports, ton. No prices
Manure salt, dom.,[2] 22%, K_2O, f.o.b. Carlsbad, N. M., unit-ton. .20 - —
25% K_2O, same basis..unit-ton. .21 - —
import, 50%, K_2O, bulk, ex vessel, Atlantic or Gulf ports..ton. No prices
Metabisulphite, kgs..lb. .18 - .19
CP, cryst., 300-lb. bbls..lb. .34 - —
purified, 300-lb. bbls..lb. .23 - —
Muriate, dom.,[2] 60-62-63%, K_2O, bulk, ex vessel, ports, unit-ton. .53½- —
granular, 50-52, K_2O..unit-ton. .56 - —
Russian,[2] offered from consignments afloat, subject to safe arrivals..unit-ton. .53½- —
Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than the ex vessel price; basis Trona, Cal., 8c. per unit of K_2O less than ex vessel price at Pacific Coast ports.
Oxalate, pure, cryst., kgs....lb. .40 - .42
tech., bbls., dms..lb. .28 - .30
Nitrate, crude, bgs., c.i.f. ports, ton. No prices
Perchlorate,[2,6] kgs., works..lb. .09½- .11
Permanganate, tech., dms., works..lb. .19¾- .20¼
USP, dms., works..lb. .20½- .21
Prussiate, red, bbls., dms...lb. .70 - .75
Yellow, bbls..lb. .16 - .17
Ricinoleate, tech., bbls..lb. .18 - —
Silicate alkaline, lumps, bgs., works..lb. .07 - —
glass, bgs., c.l..ton. 290.00 - —
l.c.l. ..100 lbs. 15.25 - —
solution, 20°Be, ret. dms., c.l., works..100 lbs. 4.25 - —
l.c.l., 5 or more, works, 100 lbs. 5.00 - —
1-4, works..100 lbs. 5.50 - —
32°-Be, ret. dms., c.l., works 100 lbs. 4.75 - —
l.c.l., 5 or more, works, 100 lbs. 5.50 - —
1-4, works..100 lbs. 6.00 - —
solut., 40.5° Be, ret. dms., c.l., works..100 lbs. 5.75 - —
l.c.l., 5 or more, works, 100 lbs. 6.50 - —
1-4, works..100 lbs. 7.00 - —
Sulphate, NF, powd., 500 lbs., bbls..lb. .15 - —
100-lb. kgs..lb. .17 - —
Prices on granular 4c. higher.
tech., dom., bulk basis, 90-95%, K_2SO_4, min. 90%, ex vessel, Atl. or Gulf ports. ton. 36.25 - —
Sulphocyanide, C.P., dms....lb. .75 - .85
N.F., dms..lb. .55 - .65
Xanthate, dms., c.l..lb. .12 - —
Potash-magnesia, sulphate, dom., bulk, min. 40%, K_2SO_4, 18.50% MgO, ex vessel, ports. ton. 26.00 - —
Potash-soda ferricyanide, dms. works..lb. .40 - .42
Potash-titanium oxalate, 350-lb. bbls..lb. .45 - —
100-lb. dms..lb. .50 - —

Prickly ash bark, bls..lb. .11 - .12
Berries, bgs..lb. .23 - .25
Prince's pine herb bls..lb. .33 - .34
Procaine, hydrochloride, 25-lb. cns..lb. 8.00 - —
5-lb. cans..lb. 8.25 - 8.50
1-lb. bots..lb. 8.75 - —
Propane,[1] industrial grade, tanks, f.o.b. Group 3..gal. .03¼- .03¾
Psyllium seed (see Fleaseed).
Pulsatilla, bls..lb. .63 - .69
Pumice, grd., fine, f.o.b. New York, 2,000 lbs. and up..lb. .03¾- —
500-1,999 lbs..lb. .03¾- —
100-499 lbs..lb. .04 - —
coarse, O¼, ½, 1, 1½, 2, 3, bgs., f.o.b. Chi., 2,000 lbs..lb. .04½- —
New York, 2,000 lbs. up..lb. .03¾- —
500-1,999 lbs..lb. .03¾- —
100-499 lbs..lb. .04¼- —
Pumice stone packed in barrels is ½c. per lb. higher than the above prices.
Pumpkin seed, bgs..lb. .12 - .15
Purple lake (see Red).
Putty, com'l, dms..100 lbs. 3.15 - —
linseed oil, raw, dms....100 lbs. 5.00 - —
refined, dms..100 lbs. 5.50 - —
standard, dms..100 lbs. 4.20 - —
Pyrethrum[6] concentrate, liq. (20 to 1), basis 2 grams pyrethrins per 100 cc., dms., dlvd., gal. 5.75 - —
(30 to 1), 3 grams pyrethrins per 100 cc., dms., dlvd..gal. 8.33 - —
Pyrethrum flowers,[6] coarse-grd. (g.f.p.) 0.9% pyrethrins, frt. alld., bbls..lb. .27 - .28
fine-grd., 0.9% pyrethrins, bbls., lb. .29 - —
1.3 pyrethrins, frt. alld., bbls..lb. .30 - —
powd., 0.5 pyrethrins, frt. alld., bbls..lb. .23 - —
Pyridin,[6] denaturing, dms....gal. 1.71 - —
refd., 2°, dms..lb. .46 - —
Pyrites, Spanish, bulk, c.i.f. Atl. ports..unit-ton. No prices
Pyrocatechin, CP, cryst., works, fib. dms., tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins..lb. 4.60 - —
Pyrophyllite, standard, 200 mesh, c.l., mines..ton. 10.00 - —
325 mesh, same basis..ton. 13.00 - —
No. 3, 200 mesh, c.l., mines..ton. 8.00 - —
325 mesh, same basis..ton. 11.00 - —
Pyroxylin scrap, amber, cs., works..lb. .12 - —
black, cs., works..lb. .10 - —
China, white, ivory, cs., wks..lb. .13 - —
dense, white, cs., works..lb. .10 - —
gray, cs., works..lb. .08 - —
mixed, mottles, opaques, cs., works..lb. .04 - —
translucent pastels, cs., wks..lb. .10 - —
transparent, cs., works..lb. .20 - —
colors, cs., works..lb. .12 - —
shavings, amber, cs., works..lb. .16 - —
colors, mixed, cs., works..lb. .10 - —
white, cs., works..lb. .15 - —

Q

Quassia chips, dom., bls..lb. .06 - .08
Quesbracho extract,[6] solid, 63%, bgs., c.l., ex dock, plus duty, L. .04¾- —
clarified, 61%, bgs., c.l., same basis..lb. .05 - —
dissolved, 25% tan., bbls., works..lb. .04½- —
tanks, works..lb. .04 - —
ground, bgs., c.l..lb. .03¾- —
l.c.l., bgs..lb. .09 - —
Queen of the meadow leaves, bgs..lb. .12 - .13
Root, bgs..lb. .10 - .11
Quercitron, crystals, bgs..lb .25 - —
extract, bbls., No. 1..lb. .10 - —
No. 2..lb. .09¼- —
No. 3..lb. .08 - —
solid bgs..lb. .18¼- —
Quicksilver,[1,4,6] dom., flasks (76 lbs. net), f.o.b. shipment point in Cal., Ore., Wash., Idaho, Utah, Nev., and Ariz..flask 191.00 - —
Tex. and Ark..flask 193.00 - —
Quicksilver freight $4.28 per flask to N.Y.; dealers' commission, 1%; brokers, 2%.
Quince seed, bgs..lb. 1.45 - 1.75
Quinidine,[5] NF V, cryst., cns..oz. 1.08 + .13½[a]
powd., precip., cns..oz. 1.01 + .13½
Sulphate, USP, cns..oz. .71 + .13½

[a] Subject to surcharge of 13½c. per oz.; see note under Quinine.

Quinine,[5] 100 oz., cns..oz. .84 + 13½[a]
Acetate, cns..oz. 1.05 + .13½
Arsenate, cns..oz. 1.05 + .13½
Arsenite, cns..oz. 1.07 + .13½
Bisulphate, cns..oz. .60 + .13½
Citrate, cns..oz. .75 + .13½
Dihydrobromide, bots..oz. .86 + .13½
Ethylcarbonate, cns..oz. 1.25 + .13½
Ferrocyanide, cns..oz. 1.07 + .13½
Formate, cns..oz. 1.00 + .13½
Hydrochlorosulphate, cns..oz. .81 + .13½
Glycerophosphate, cns..oz. 1.20 + .13½
Hydrochloride, cns..oz. .76 + .13½
Hydroiodide, cns..oz. 1.05 + .13½
Hypophosphite, cns..oz. 1.07 + .13½
Phosphate, cns..oz. .90 + .13½
Salicylate, cns..oz. .79 + .13½
Sulphate, USP XII, cns..oz. .67 + .13½
Sulphocarbolate, cns..oz. 1.05 + .13½
Tannate, cns..oz. .63 + .13½
Valerate, cns..oz. .99 + .13½
Tartrate, cns..oz. 1.05 + .13½

[a] Quinine buyers must pay a surcharge of 13½c. per oz. to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Quinine-urea hydrochloride,[5] cns., oz. .81 + .13½

Subject to surcharge of 13½c. per oz.; see note under Quinine.

R

R salt, dry, bbls..lb. .55 - —
paste, dms..lb. .52 - —
Rapeseed,[1] Argentine, bgs..lb. .06½ Nom.
dom., dwarf Essex, bgs..lb. .10 - .10½
Raspberries, dried, bls..lb. .90 - 1.10
Red, alizarin lake,[3] bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90

Red, alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N.C., S.C., Tenn., Tex. (Dallas, Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

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For prompt shipment from works or from stocks in New York and other branches.

ISCO Caustic Potash (88-92% KOH)
SOLID • FLAKE • GRANULAR
BROKEN • WALNUT
LIQUID 45% KOH
and

ISCO Carbonate of Potash (K_2CO_3)
HYDRATED 83-85%
CALCINED 98-100%
LIQUID 47-48%
and

ISCO Ferric Chloride (60% $FeCl_3$)
IRON CHLORIDE
Lumps Crystals

Various grades, including the one to suit your purpose

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Red, cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld. .lb. .95 - —
400-2,000 lbs., bbls. .lb. 1.00 - —
100-300 lbs., pkgs. .lb. 1.05 - —
light shade, bbls., ton .lb. .90 - —
400-2,000 lbs., bbls. .lb. .85 - —
100-300 lbs., pkgs. .lb. .90 - —
medium shades, bbls., ton lots. .lb. .85 - —
400-2,000 lbs., bbls. .lb. .90 - —
100-300 lbs., pkgs. .lb. .95 - —
maroon shade, bbls., ton .lb. 1.65 - —
400-2,000 lbs., bbls. .lb. 1.10 - —
100-300 lbs., pkgs. .lb. 1.15 - —
deep, bbls., ton lots. .lb. 1.15 - —
400-2,000 lbs., bbls. .lb. 1.20 - —
100-300 lbs., pkgs. .lb. 1.25 - —
medium shade, bbls., ton lots. .lb. .90 - —
400-2,000 lbs., bbls. .lb. .95 - —
100-300 lbs., pkgs. .lb. 1.00 - —

Red, cadmium, lithopone quotations are f.o.b. Baltc. or whse. points, charges prepaid or allowed E. of Rockies.

Selenide, bbls., light, works. lb.2.35 - —
maroon, works. .lb. 2.90 - —

Carmine 40, dms., 100 lbs. .lb. 4.00 - —
50 lbs. .lb. 4.75 - —
cns., 5 lbs. .lb. 5.25 - —
1 lb. .lb. 5.50 - —

Crocus martis (see Red, purple oxide).

Dyes (red) are listed under Dyes.

Eosin toner, bbls. .lb. 1.35 - —
Firetoner, bbls. .lb. .85 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y. .lb. .09¼ - —
80-85%, bbls., same basis, lb. .07¾ - —
imp., English, all shades. .lb. .12 - —
Lacquer maroon, bbls., same basis. .lb. 1.25 - —
Lake C toner, alizarin, bbls., same basis, contracts. .lb. .90 - —
Litho toner, alizarin lake, bbls., same basis, contracts. .lb. .60 - —
Rose, lake, bbls. .lb. .28 - .35
Pink, bbls. .lb. .20 - .25
Lithol-rubine toner, alizarin lake, bbls., same basis, contracts. .lb. 1.10 - —
Maroon, alizarin, lake, 25%, kgs., same basis, contracts. lb. .40 - —
Mercury, oxide,[3] tech., bbls., 10,000 lbs. .lb. 3.00 - —
smaller lots. .lb. 3.11 - —
Metallic, bbls., Pa. works. .lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., wks. .lb. .09 - —
l.c.l., bbls. lb. .09¾ - —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, Copley, Ohio. .lb. .03¾ - —
80% copperas oxide, bbls., same basis. .lb. .08½ - —
50-lb. bgs. .lb. .096 - —
imported, English. .lb. .14½ - —
Para,[3] toner, concent., kgs., same basis, alizarin lake, contracts. .lb. .70 - —
Persian Gulf, oxide, bbls., c.l. lb. No prices
Phloxin toner (see Red, Eosin-toner).
Phosphotungstic rhodamine, Y, kgs. .lb. 4.15 - —
Purple lake, kgs. .lb. .60 - 1.00
Scarlet ink toner, kgs., same basis. .lb. .85 - —
Lake, alizarin, kgs., same basis. .lb. .85 - —
Spanish, oxide, Grade I, c.l., bbls., f.o.b. N.Y. .lb. .04¾- .07¾
Toluidin toner, alizarin, lake, kgs., same basis. .lb. 1.05 - —
Turkey .lb. .14½ - —
Tuscan, bbls., E. St. L. .lb. .11 - .40
Venetian, bbls., works .lb. .0220- —
10%, bbls., works .lb. .0245- —
15%, bbls., works .lb. .0265- —
20%, bbls., works .lb. .02¾- —
25%, bbls., works .lb. .03 - —
30%, bbls., works .lb. .03¼ - —
35%, bbls., works .lb. .0365- —
40%, bbls., works .lb. .04 - —
Vermilion, Amer., bbls. .lb. .25 - .40
quicksilver, bbls. .lb. 3.05 - 3.15
Precipitate,[3] NF, powd., dms., 50 lbs. or more. .lb. 3.26 - —
Saunders wood, ground, bbls. .lb. .35 - —
Resorcinol,[3] tech., 200-lb. dms., frt. alld. E. of Miss. .lb. .68 - —
smaller quantities, works. .lb. .74 - —
USP, cryst., 100 lbs., dms., frt. alld. E. of Miss. .lb. 1.80 - —

Rhatany root, bgs. .lb. .09 - .10
Rhubarb, whole, bgs. .lb. 1.15 - 1.35
powd., bbls. .lb. 1.20 - 1.45
Riboflavin .gram. .65 - .68
Rice bran, concentrate, 573-lb. dms., f.o.b. Cedartown, Ga., or Emeryville, Calif., seller's option. .lb. .79 - —
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't. .lb. .43½- —
smaller lots. .lb. .44 - .47
powd., bbls., 5,000 lbs., 1 ship't. lb. .42½- —
smaller lots. .lb. .43 - .46
Rose flowers, pale, bls. .lb. .80 - .85
red, bls. No prices
Rosemary flowers, bls. .lb. 1.55 - 1.60
leaves, Portuguese, bls. .lb. .11½- .12
Spanish, bls. .lb. .18 - .18½
Rosin, gum, ex dock:—
B, dms., bgs. .100 lbs. 3.57 - —
D, dms., bgs. .100 lbs. 3.72 - —
E, dms., bgs. .100 lbs. 3.97 - —
F, dms., bgs. .100 lbs. 4.18 - —
G, dms., bgs. .100 lbs. 4.17 - —
H, dms., bgs. .100 lbs. 4.18 - —
I, dms., bgs. .100 lbs. 4.20 - —
K, dms bgs. .100 lbs. 4.33 - —
M, dms., bgs. .100 lbs. 4.40 - —
N, dms., bgs. .100 lbs. 4.50 - —
W.G., dms., bgs. .100 lbs. 5.44 - —
W.W., dms., bgs. .100 lbs. 5.63 - —
X, dms., bgs. .100 lbs. 5.65 - —
Rottenstone, dom., bgs., c.l., f.o.b. mines. .ton.25.50 - —
l.c.l., same basis. .ton.37.50 - —
Rue, bls. .lb. 1.45 - 1.50

S

Sabadilla seed, powd., bbls. .lb. .31 - .32
Saccharin, dms., 100 lbs. .lb. 1.45 - —
cns., 25 lbs. .lb. 1.48 - —
Saffron, Mexican, bls. .lb. .55 - .56
Spanish, tins. .lb.26.50 -28.00
Safrol, cns. .lb. 2.25 - 2.45
Sage,[1] Calif., leucophylla, whole, Pacific Coast, bls. .lb. .42 - .44
Dalmatian type, bls. .lb. .75 - .80
Cyprus, bls. .lb. .28 - .29
Greek, bls. .lb. 1.60 - 1.70
Spanish, bls. .lb. .29 - .30
Sago flower, bgs. .lb. .05 - .05¾
Salicin, bots., 5 lbs. .lb. 8.00 - —
cns., 25 lbs. .lb. 7.75 - —
Salol, gran., bbls., 200 lbs. .lb. .90 - —
bxs., 25 lbs. .lb. .93 - —
kgs., 100 lbs. .lb. .90 - —
powd., fib. dms., 25 lbs. .lb. 1.02 - —
kgs., 100 lbs. .lb. 1.00 - —
Salt, rock, bgs., c.l. .ton.14.20 - —
l.c.l., bgs. .ton.17.00 -18.00
Vacuum, common, fine, bgs., c.l., dlvd. N.Y. .ton.15.70 - —
l.c.l., dlvd. N.Y. .ton.19.40 -20.20
Chrome (see Chrome cake).
Saltcake, dom., bulk, works. .ton.15.00 - —
import, bulk, c.i.f. .ton.16.00 Nom.
Saltpeter, dbl. ref., gran., bbls., 10-20 tons. .100 lbs. 8.20 - —
1-9 tons. .100 lbs. 8.35 - —
less than ton lots. .100 lbs. 8.60 - —
powd., bbls., 10-20 tons. .100 lbs. 9.20 - —
1-9 tons. .100 lbs. 9.35 - —
less than ton lots. .100 lbs. 8.60 - —
Sanguinarine nitrate, bots. .oz. 3.75 - —
Santonin, cryst., cns. .kilo.210.00 -220.00
Saponin, No. 1, cns. .lb. 1.75 - —
No. 2, cns. .lb. 1.45 - —
Sarsaparilla root, dom., bls. .lb. .25 - .26
Honduras, bls. .lb. .59 - .60
Mexican, bls. .lb. .20 - .21
Sassafras, bark, ord., bls. .lb. .20 - .21
select, bls. .lb. .30 - .31
Savory, bls. .lb. .75 - 1.20
Saw palmetto berries, bgs. .lb. .09 - .14
Scammony root, bgs. .lb. .07 - .08
resin, lump, cns. .lb. 1.30 - —
powd., bxs. .lb. 1.35 - —
Schaeffer's salt, bgs. .lb. .46 - —
Scullcap, Eastern, bls. .lb. .25 - .32
Western, bls. .lb. .17 - .18
Seidlitz mixture, bbls., 5,000 lbs., 1 shipment. .lb. .33¾- —
smaller lots. .lb. .34¼- —
kegs, 5,000 lbs., 1 shipm't. .lb. .34¼- —
smaller lots. .lb. .34¾- —
Selenium, pwd. A, 10-lb. tins. .lb. 2.60 - —
100-lb. cases. .lb. 1.75 - —
Senega root, spot, bls. .lb. .75 - .76
Senna, Alex., half leaf, bls. .lb. .22 - .28
siftings, bgs. .lb. .21 - .22
Tinnevelly, No. 1, bls. .lb. .16 - .16½
2, bls. .lb. .11½- .12
3, bls. .lb. .10½- .11
powd., bbls., bxs. .lb. .15 - .17
Pods, bls. .lb. .13 - .16
Serpentaria root, bls. .lb. .75 - .82
Sesame seed,[1] Chinese, hulled, bgs. .lb. .12½- .13
Indian, natural, bgs. .lb. .10 - .10½
hulled, sterilized, bgs. .lb. .12 - .12½
Shellac,[1,6] bleached, bonedry, bbls., 1,500 lbs. or more, f.o.b. N.Y. .lb. .42½- —
dlvd., Boston. .lb. .43½- —
Chicago .lb. .44 - —
Pacific Coast. .lb. .46 - —
refined, bbls., 1,500 lbs. or more, f.o.b. N.Y. .lb. .43½- —
Boston .lb. .49½- —
Chicago .lb. .50 - —
Pacific Coast. .lb. .52 - —

Bone dry shellac, sales of less than 1,500 lbs., at following additions to maximum prices:—(1) packed in bgs., ¾c. per lb.; (2) bbls., 1c. more; (3) kgs., 3c. more; (4) less than 100 lbs., regardless of packing, 5c. more.

Shellac,[1,6] 100 bgs. or more, D.C., V.S.O., or Diamond 1, bgs. lb. .4060- —
Garnet, bgs. .lb. .3890- —
Superfine, f.o.b. Boston, N.Y. .lb. .3660- —
dlvd., Chicago. .lb. .3710- —
Pacific Coast. .lb. .3960- —
T.N., f.o.b. Boston, N. Y. .lb. .3550- —
dlvd., Chicago .lb. .3600- —
Pacific Coast. .lb. .3805- —

Shellac in cs., 2c. higher. Shellac sales, 1 bg. or 1 cs., 5c. additional; 1 to 9 bgs. or cs., 2c. more; 10 to 99 bgs., cs., 1c. more.

Shortening, trcs. .100 lbs.16.50 -17.00
Silica, amorph., dry-grd., 325 mesh, c.l., Ill., works. .ton.17.00 - —
l.c.l., same basis. .ton.20.00 - —
400 mesh, c.l. .ton.18.00 - —
l.c.l., 5,000 lbs. .ton.19.00 - —
smaller lots. .ton.20.00 - —
wet-grd., 325 mesh, c.l., Ill., works. .ton.18.00 - —
l.c.l., same basis. .ton.21.00 - —
400 mesh, c.l. .ton.30.00 - —
l.c.l., 5,000 lbs. .ton.35.00 - —
smaller lots. .ton.38.00 - —
96-98%, 325 mesh, c.l. .ton.20.00 - —
l.c.l., 5,000 lbs. .ton.21.50 - —
smaller lots. .ton.23.00 - —
99%, 325 mesh, c.l. .ton.20.00 - —
l.c.l., 5,000 lbs. .ton.22.00 - —
smaller lots. .ton.25.00 - —
hard-quarts, 99¼%, 325 mesh, c.l. .ton.13.50 - —
l.c.l. .ton.18.50 - —
140 mesh, c.l. .ton.11.00 - —
l.c.l. .ton.16.00 - —

Silica prices are for bag packing f.o.b. works.

Silicon tetrachloride, CP, dms., works, 55 gals. .lb. .27 - —
10-gal. dms., same basis .lb. .32 - —
smaller pkgs. .lb. .75 - 1.25
tech., dms., 55 gals., wks. .lb. .22 - —
10-gal. dms., same basis .lb. .27 - —
smaller pkgs. .lb. .50 - 1.00
Silver, bullion .oz. .44¾- —
Govt. purchase, dom. .oz. .7111- —
Govt. purchase[1] foreign .oz. .44¾- —
Cyanide, cns., 100 ozs. .oz. .41¼- —
Nitrate, 100-oz. bots. .oz. .32½- —
Nucleinate, bots., dms. .oz. .29 - .34
Proteinate, bots., dms. .oz. .28 - .33
Simarubra barks, bls. .lb. .55 - .67
Skunk cabbage root, bls. .lb. No stocks
Slate flour, bgs., c.l., works. .ton.11.00 -12.00
l.c.l., works. .ton.12.00 -13.00
Sloe berries, bgs. .lb. .75 - .80
Smalt, black, ctns. .lb. .05 - .08
Blue, ctns. .lb. .07 - .08¼
Snakeroot, Canada, bls. .lb. .66 - .67
Soapbark, bls. .lb. .12 - .14
crushed, bls., bbls. .lb. .16 - .17
cut, imp., bls., bbls. .lb. .17 - .18
dom., bbls. .lb. .10 - .11
powd., bbls. .lb. .19 - .20
Soda, acetate, anhyd., bbls., dlvd., lb. .08½- .10
60%, flake, gran., powd., bbls., c.l., dlvd. .lb. .05 - —
l.c.l., dlvd. .lb. .05¼- .06
N. F. VII, bbls., dlvd. .lb. .06 - .07
Alginate, water soluble, refined, bbls., works. .lb. .79 - —
semi-refined, bbls., works. .lb. .42 - —
Aluminate, white, soluble c.l., bgs., frt. equald. .100 lbs. 7.50 - —
dms., frt. equald. .100 lbs. 7.75 - —
l.c.l., bgs., frt. equald. 100 lbs 8.40 - —
dms., frt. equald. 100 lbs. 8.65 - —
Soda, antimoniate, bbls., c.l., dlvd. lb. .15 - —
l.c.l., dlvd. .lb. .15½- —
Arsenate,[6] dms., dealers, c.l., works. .lb. .08 - —
l.c.l. .lb. .09¼- .09¾
Arsenite,[6] dry, gray, dms., c.l., dealers, works. .lb. .06¾- —
l.c.l., dms., works. .lb. .07½- .08½
white, dms., c.l., dealers, wks. .lb. .07¾- —
l.c.l., works. .lb. .08½- .09½

Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.

Ash, dense, 58%, bgs., c.l., works. .100 lbs. 1.15 - —
l.c.l., Zone 1. .100 lbs. 2.18 - —
2 .100 lbs. 2.33 - —
3 .100 lbs. 2.56 - —
4 .100 lbs. 2.98 - —
bbls., c.l., works. .100 lbs. 1.35 - —
l.c.l., Zone 1. .100 lbs. 2.35 - —
2 .100 lbs. 2.50 - —
3 .100 lbs. 2.75 - —
4 .100 lbs. 3.15 - —
bulk, c.l., works. .100 lbs. .90 - —
extra light, 58%, bgs., c.l. .100 lbs. 1.13 - —
l.c.l., Zone 1. .100 lbs. 2.13 - —
2 .100 lbs. 2.28 - —
3 .100 lbs. 2.53 - —
4 .100 lbs. 2.98 - —
bbls., c.l., works. .100 lbs. 1.45 - —
l.c.l., Zone 1. .100 lbs. 2.45 - —
2 .100 lbs. 2.60 - —
3 .100 lbs. 2.85 - —
4 .100 lbs. 3.25 - —
bulk, c.l. .100 lbs. .90 - —
light, 58%, bgs., c.l., works. 100 lbs. 1.05 - 1.18
l.c.l., Zone 1. .100 lbs. 2.13 - —
2 .100 lbs. 2.28 - —
3 .100 lbs. 2.53 - —
4 .100 lbs. 2.93 - —
bbls., c.l., works. .100 lbs. 1.35 - —
l.c.l., Zone 1. .100 lbs. 2.35 - —
2 .100 lbs. 2.50 - —
3 .100 lbs. 2.75 - —
4 .100 lbs. 3.15 - —
bulk, c.l. .100 lbs. .90 - —

Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse point and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1: All Northern U.S. E. of Miss. River and North of the Southern boundaries of Ky. and Va., including also St. Louis, Mo., and Davenport, Ia., parallel La., Miss., Ala., South of 31° Texas, E. of 100° Meridian and S. of 31° parallel and Fla., in Me., N. H. and Vt.; special local zone prices apply for ship't to various counties. Zone 2: Ark. E. of 98° Meridian; Neb. E. of 98° Meridian; Tex., N. of 31° parallel and E. of 100° Meridian (except Wichita Falls), Ala., La., and Miss. N. of 31° parallel; Iowa (except Davenport), Ga., Minn., Mo. (except St. Louis), N. and S. C. and Tenn. Zone 3: Kansas, Neb., W. of 98° Meridian, Tex., W. of 100° Meridian (including Wichita Falls, but excluding El Paso), N. and S. D., Okla., Ark., W. of 98° Meridian. Zone 4: El Paso, Tex., Ariz., Colo., Ida., Mont., Nev., N. M., Utah, Wyo.

Benzoate, tech., bbls., 4,000 lbs. or more. .lb. .39 - —
1,000 to 3,900 lbs. .lb. .49 - —
900 lbs. or less. .lb. .49 - —
USP, 2 tons or more. .lb. .46 - —
1,000 to 1,999 lbs. .lb. .47 - —
900 lbs. or less. .lb. .50 - .52
Bicarbonate, tech., bbls., c.l., works. .100 lbs. 1.70 - —
l.c.l. .100 lbs. 2.05 - —
bgs., c.l. .100 lbs. 1.55 - —
l.c.l. .100 lbs. 1.90 - —
USP, gran., bbls., c.l., works. 100 lbs. 2.25 - —
l.c.l. .100 lbs. 2.60 - —
powd., bbls., c.l., works. 100 lbs. 1.85 - —
l.c.l., dlvd. N.Y. .100 lbs. 2.51 - —
kgs., c.l. .100 lbs. 2.10 - —
l.c.l., dlvd. N.Y. .100 lbs. 2.76 - —
Bichromate,[3,4] spot, cks., bbls., c.l., works. .lb. .07¾- —
l.c.l., 6 cks. or 10 bbls. or over, works. .lb. .07¼- —
5 cks. or 9 bbls. or less, works. .lb. .07¾- —

Soda bichromate in bgs., ¼c. less.

Bifluoride, bbl., c.l. .lb. .11 - —
10-bbl. lots. .lb. .11½- .13
1-9 bbls. .lb. .12 - —
kgs. .lb. .12¼- .14
Bisulphite, powd., bbls., c.l., works. .100 lbs. 3.00 - 3.10
l.c.l., works. .100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works. .100 lbs. 1.30 - —
l.c.l., works. .100 lbs. 1.55 - —
33 deg., bbls., c.l., works. 100 lbs. 1.35 - —
l.c.l., works. .100 lbs. 1.60 - —
35 deg., c.l., works. .100 lbs. 1.40 - —
l.c.l., works. .100 lbs. 1.65 - —
44 deg., works. .100 lbs. 1.55 - —
l.c.l., works. .100 lbs. 1.80 - —
Bromide, N.F., gran., bbls., works, 500 lbs. .lb. .27 - .30
fiber dms., 100 lbs. .lb. .28 - .31
Cacodylate, 5-lb. bbls., wks. .lb.17.00 - —

Carbonate (see Soda ash, soda monohydrated soda sal)

Caustic, flake, 76%, powd., ammo. process, bbls., c.l., works. .100 lbs. 2.95 - —
dms., c.l., works. .100 lbs. 2.70 - —
l.c.l., Zone 1. .100 lbs. 3.55 - —
2 .100 lbs. 3.70 - 3.85
3 .100 lbs. 3.95 - 3.30
4 .100 lbs. 4.35 - 5.70
electro process, dms., c.l., works. .100 lbs. 2.70 - —
l.c.l., same zone prices as ammonia process.
liquid, 47-49%, buyers' tanks, works. .100 lbs. 1.92½- —
sellers' tanks, wks. .100 lbs. 1.95 - —
70%, buyers' tanks, wks. 100 lbs. 1.97½- —
sellers' tanks. .100 lbs. 2.00 - —
solid, 76% ammon., process, dms., c.l., works. .100 lbs. 2.30 - —
l.c.l., Zone 1. .100 lbs. 3.15 - —
2 .100 lbs. 3.30 - —
3 .100 lbs. 3.55 - —
electro process, dms., c.l., works. .100 lbs. 2.30 - —
l.c.l. same zone prices as ammon. process.

Caustic soda l.c.l. prices are on same basis as those for soda ash. Sales zones also the same.

Chloride (see Salt).

Chlorate,[6] dom., cryst., bgs., c.l., works. .lb. .06¼- —
l.c.l., works. .lb. .06½- —
powd., bgs., c.l., works. .lb. .06½- —
l.c.l., works. .lb. .07 - .08½
Chromate,[3,4] c.l., works. .lb. .08¾- —
l.c.l., 6 cks., 10 bbls. up. .lb. .09½- —
Citrate, USP VIII, 225-lb. bbls. lb. .13½- —
50-lb. lots, dms. .lb. .20½- —
25-lb. lots, dms. .lb. .22¼- .23½
dms. 100-lb. lots, dms. .lb. .19½- —

USE A *Cowles* DETERGENT SILICATE

DRYMET—Anhydrous Sodium Metasilicate
Reg. U. S. Pat. Off
Cowles DRYMET is the most highly concentrated, most economical form of sodium metasilicate available. DRYMET contains no water. Yields nearly twice the chemical strength of hydrated sodium metasilicate at a substantial saving. Completely soluble, non-caking, easy to handle.

CRYSTAMET—Pentahydrate Sodium Metasilicate
Reg. U. S. Pat. Off.
Cowles CRYSTAMET is an exceptionally pure, perfectly white granular sodium metasilicate with the normal 42% water of crystallization. Excellent solubility, uniformity, chemical stability.

DRYORTH—Technically Anhydrous Sodium Orthosilicate
Reg. U. S. Pat. Off.
Cowles DRYORTH is a high pH detergent silicate with valuable peptizing, emulsifying, dirt-suspending power. Recommended for heavy duty detergency requiring high Na_2O value.

THE COWLES DETERGENT COMPANY
7016 EUCLID AVENUE ★ CLEVELAND, OHIO
Heavy Chemical Department

Soda citrate, USP XI, gran., bbls., 250-lb lots..lb. .24 - —
boxes, 50-lb. lots.....lb. .26 - —
cns., 25-lb. lots.....lb. .25 - .29
kgs., 100-lb. lots.....lb. .25 - —
powd., bbls., 250-lb. lots..lb. .24½ - —
boxes, 50-lb. lots.....lb. .26½ - —
cns., 25-lb. lots.....lb. .29½ - —
kgs., 100-lb. lots.....lb. .25½ - —
Cyanide,[6] 96-98%, dom., dms.lb. .14 - .15
Diacetate, 33-35% acidity, bbls., divd..lb. .09½- .10½
anhy., dms.. divd.....lb. .12½- —
Fluoride, white, 30%, bbls., c.l., frt. alld..lb. .08 - —
l.c.l., 10 or over, same basis..lb. .08½- —
1-9, same basis.....lb. .09 - —
95%, bbls., c.l., same basis, lb. .08¼- —
l.c.l., 10 or over, same basis..lb. .08¾- —
1-9, same basis.....lb. .09¼- —
Soda fluoride prices at Los Angeles are f.a.s. works.
Glycerophosphate, NF, cryst., bbls., 1,000-lb. lots..lb. 1.25 - 1.32
100-lb. lots.....lb. 1.40 - 1.47
cns., 25 lbs.....lb. 1.65 - 1.67
powd., bbls., 1,000-lb. lots..lb. 1.25 - 1.32
100-lb. lots.....lb. 1.40 - 1.47
cns., 25 lbs.....lb. 1.72 - —
solution, cbys., cns.....lb. .82 - .83
Hydrosulphite, dms., frt. alld. lb. .17 - .18
Hydroxide, USP, sticks, dms.lb. .24 - .27
Hypophosphite, N. F., cns., 100-lb. lots..lb. .67 - —
Hyposulphite, cryst., bgs., c.l., works, frt. equald..100 lbs. 2.25 - —
bbls., same basis..100 lbs. 2.45 - —
l.c.l., bgs., works, frt. equald..100 lbs. 2.50 - —
bbls., works..100 lbs. 2.70 - —
pea, bgs., c.l., works.100 lbs. 2.80 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
5,000 lbs. and over, bgs., works..100 lbs. 2.75 - 3.00
bbls., works.....100 lbs. 2.95 - 3.20
dms., works.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., works..100 lbs. 2.85 - 3.10
bbls., works.....100 lbs. 3.05 - 3.30
dms., works.....100 lbs. 3.35 - 3.60
500 to 2,500 dms., works. 100 lbs. 3.10 - 3.25
bbls., works.....100 lbs. 3.30 - 3.55
dms., works.....100 lbs. 3.60 - 3.65
less than 500 lbs., bgs., works..100 lbs. 3.70 - 3.95
bbls., works.....100 lbs. 3.90 - 4.15
dms., works.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.40 - —
Iodide, jars.....lb. 2.42 - —
bots.....lb. 2.52 - 2.57
Mandelate, 100-lb. dms.....lb. 3.25 - —
Metanilate, bgs.....lb. .40 - —
Metasilicate, anhyd., dms., c.l., works, frt. equald.100 lbs. 4.00 - —
15 dms. and over....100 lbs. 4.90 - —
3-14 dms.....100 lbs. 5.05 - —
1-2 dms., same basis.100 lbs. 5.30 - —
gran., bbls. c.l., works....lb. 2.50 - —
10 bbls. and over, works..lb. 3.30 - —
1-9 lbs., works.....lb. 3.55 - —
Molybdate,[6] anhyd., kgs., works. lb. .47 - —
Monohydrated, bbls.....100 lbs. 3.00 - —
works.....100 lbs. 2.85 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate,[6] dom., c.l., 100-lb. bgs., Hopeville, Va....ton.30.05 - —
bulk, Hopeville, Va...ton.27.00 - —
imp., c.l., 100-lb. bgs., f.o.b. cars, Atl., Gulf Pac. ware-houses..ton.33.00 - —
200-lb. bgs., same basis..ton.32.40 - —
bulk, same basis.....ton.30.00 - —
refd., gran., bbls., 10 tons. 100 lbs. 3.60 - —
1-9 tons.....100 lbs. 3.75 - —
smaller lots.....100 lbs. 4.00 - —
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equald..lb. .06¾- —
West Coast ports.100 lbs. 8.00 - 8.65
l.c.l.....100 lbs. 8.90 -11.90
Soda nitrite l.c.l. price range represents delivery at various points.
Orthosilicate, anhyd., dms., c.l., works, frt. equald..lb. 4.50 - —
15 dms. and over, same basis..lb. 5.45 - —
3-14 dms., same basis..lb. 5.60 - —
1-2 dms., same basis....lb. 5.85 - —
flake, dms., c.l., works.. 100 lbs. 3.15 - —
10 bbls., up, divd...100 lbs. 4.30 - —
1-9 bbls., same basis.100 lbs. 4.55 - —
Oxalate, neut., bbls.....lb. .09½- —
Perborate, NF, bbls., c.l., works. lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Pentachlorophenate briquets, single bgs., works..lb. .26 - —
70 lbs., bgs., works.....lb. .20 - —
490 lbs., bgs., works.....lb. .18 - —
powd., kgs., works.....lb. .19 - —
500 lbs., bgs., works.....lb. .17 - —
Phosphate, dibasic, anhyd., bgs., c.l., works.....100 lbs. 6.00 - 6.25
l.c.l., works.....100 lbs. 6.50 - 7.25
bbls., c.l., works....100 lbs. 6.20 - 6.45
l.c.l., works.....100 lbs. 6.70 - 7.45
cryst., tech., bgs., c.l. works, 100 lbs. 2.55 - 2.70
c.l., works.....100 lbs. 2.95 - 3.45
bbls., c.l., works...100 lbs. 2.75 - 2.90
l.c.l., works..100 lbs. 3.15 - 3.65
monobasic, anhyd., c.l., works, 100 lbs. 7.25 - 8.25
l.c.l., works.....100 lbs. 8.00 - 9.00
bbls., c.l., works.....100 lbs. 7.45 - 8.45
l.c.l., works.....100 lbs. 8.20 - 9.20
tribasic, bgs., c.l. wks..100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.45 - —
bbls., c.l., works....100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.65 - —
kegs, c.l., works.....100 lbs. 3.40 - —
l.c.l., works.....100 lbs. 4.15 - —
anhydrous, bgs., c.l., works, frt. equald..100 lbs. 6.00 - —
l.c.l., same basis.100 lbs. 6.50 - —
bbls., c.l., same basis... 100 lbs. 6.20 - —
l.c.l., same basis.100 lbs. 6.70 - —
USP (dibasic), bbls., dms., works..lb. .08 - .10
dried, bbls., dms., works.lb. .11½- .12
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., 10,000 lbs. or more..lb. .10 - .11
smaller lots.....lb. .10¼- .11¼
Pyrophosphate,[3] anhyd., bgs., c.l., works, frt. equald.... 100 lbs. 5.28 - 6.10
5 tons and over..100 lbs. 5.40 - 6.25
less than 5 tons....100 lbs. 5.75 - 6.60
bbls., c.l., works, frt. equalized..100 lbs. 5.45 - 6.30
anhyd., bbls., 5 tons up..... 100 lbs. 5.60 - 6.45
less than 5 tons..100 lbs. 5.95 - 6.80
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs., divd. N. Y....100 lbs. 1.35 - —
works.....100 lbs. 1.10 - —
bbls., divd. N.Y.....100 lbs. 1.40 - —
works.....100 lbs. 1.20 - —
Salicylate, dms.....lb. .52 - .55
Sesquicarbonate, bgs., c.l., works..100 lbs. 1.50 - —
bbls., c.l., works...100 lbs. 1.70 - —

Soda sesquicarbonate, l.c.l., Zone
1..100 lbs. 2.70 - —
2.....100 lbs. 2.85 - —
3.....100 lbs. 3.10 - —
4.....100 lbs. 3.50 - —

Soda sesquicarbonate l.c.l. price zones are on same basis as those for soda ash and caustic soda.

Sesquisilicate, dms., c.l., works, 100 lbs. 3.05 - —
10 bbls. or over, divd.100 lbs. 4.05 - —
1-9 bbls.....100 lbs. 4.30 - —
Silicate, 40° turbid., dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works.. 100 lbs. 1.05 - —
1 to 4, works....100 lbs. 1.20 - —
tanks, wks.....ton.13.00 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., 5 or more, works.. 100 lbs. 1.65 - —
1 to 4, works....100 lbs. 1.80 - —
tanks, wks.....ton.25.00 - —
Silicofluoride, bbls., c.l., works. lb. .05 - —
l.c.l., same basis.....lb. .05½- —
Stannate, dms.....lb. .33½- .36½
Stearate, bbls., works.....lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.70 - 1.90
5 tons or over, works.. 100 lbs. 1.95 - 2.15
less than 5 tons, works.. 100 lbs. 2.20 - 2.40
cryst. (see Glauber's salt).
NF, dried powd., bbls.....lb. .07 - .07½
USP, cryst., gran., bbls...lb. .10 - .10½
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., 5 tons or over, divd. 100 lbs. 2.90 - —
less than 5 tons, divd. 100 lbs. 3.15 - —
solid, bbls., c.l., works.100 lbs. 3.15 - —
l.c.l., 5 tons or over, divl. 100 lbs. 3.65 - —

Soda Sulphide, solid, less than 5 tons, dlvd..100 lbs. 3.90 - —
Sulphite, cryst., 100-lb. bgs., works..lb. 2.10 - 2.35
bbls.....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1 to 4.....100 lbs. 6.00 - —
Sulphocarbolate, gran., bbls., dms..lb. .28 - .32
Sulphocyanide, C.P., dms...lb. .55 - .65
Sulphohydrate, liquid, 38%, basis 100%, dms., c.l., f.o.b. works..lb. .05½- —
l.c.l., works.....lb. .06 - —
single dm. lots, wks.lb. .08 - —
tanks, works.....lb. .04½- —
flake, 70-72%, dms., c.l., works lb. .04½- —
l.c.l., works.....lb. .05 - —
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see Hyposulphite).
Tungstate,[6] tech., kgs.....lb. 1.35 - 1.50
Soda-formaldehyde sulphoxylate, standard cont. (125-250 lbs.) lb. .19 - .22
Solvent, naphtha,[8] dms., wks.gal. tanks, E. of Omaha, frt. alld. gal. .27 - —
tanks, W. Coast, f.o.b. Minnequa, Colo..gal. .27 - —
high-flash, dms., works....gal. .32 - —
tanks, E. of Omaha, frt. alld..gal. .27 - —
Sorbitol,[6] com'l, dms., works..lb. .17¾- —
Soybean meal, 41% and 44% protein, Decatur, Ill., Apr., bulk..ton.33.00 -33.75
Southeastern mills, same basis, bulk....ton.44.50 - —
protein, alpha, bgs., 60,000 lbs. min., works..lb. .17 - —
40,000-60,000 lbs., works.lb. .17 - —
20,000-40,000 lbs., works..lb. .17¼- —
(less 20,000 lbs., works....lb. .17¾- —

Sparteine sulphate, bots., cns..oz. 2.35 - 3.25
Spearmint leaves, bls.....lb. .32 - .38
Spikenard root, bls.....lb. .35 - .39
Spruce extract, reg., bbls., c.l., works..lb. .02½- —
tanks, works.....lb. .01½- —
pwd., super, bgs., c.l., wks.lb. .04½- —
Squawvine, leaves, bls.....lb. .14 - .15
Squill, red, powd.....lb. .35 - .38
White, bls.....lb. .11 - .15
powd., bbls., bxs.....lb. .16 - .19
St. Ignatius beans, bgs.....lb. .43 - .60
St. John's bread, edible, bls..lb. .25 - .30
Starch, corn, pearl, bgs., f.o.b. Chicago..100 lbs. 3.10 - —
dlvd., N. Y.....100 lbs. 3.47 -
powd., bgs., f.o.b. Chicago, 100 lbs. 3.20 - —
dlvd., N. Y.....100 lbs. 3.57 -
Potato, bgs., c.l.....lb. .0637- —
l.c.l.....lb. .0760- —
Rice, bgs.....lb. .09 - .11
Sweetpotato, bgs.....lb. .06¾ Nom
bbls.....lb. .07 Nom.
Wheat, thick boil, bgs.....lb. .05 - —
Starch, iodide, bots.....lb. 1.87 - —
Stearin, oleo.....lb. .1054- —
Stillingia root, bls.....lb. .11 - 13
Stoneroot, bls.....lb. .07½- .08
Storax, cs.....lb. 1.75 - 1.80
Stramonium leaves, bgs.....lb. .21 - .22
seed, bgs.....lb. .20 - .21
Strontium bromide, cns.....lb. .53 - .55
Carbonate, tech., 90%, bbls.lb. .25 Nom.
Chloride, tech., bbls.....lb. .22 - .26
Iodide, bots., 5 lbs.....lb. 3.06 - 3.15
jars, 25 lbs.....lb. 3.00 - —
Lactate, dms.....lb. 1.50 - 1.55
Nitrate, bbls., c.l., works...lb. .07¾- —
25 bbls. and over....lb. .08¼- —
1-24 bbls.....lb. .08¾- —
Oxalate, bbls.....lb. .44 - —
Salicylate, bbls., kgs.....lb. 1.10 - —
tins.....lb. 1.18 -

Every war industry requires chemicals for processing the equipment and supplies for delivery to our armed forces.

Stauffer plants are working night and day turning out the necessary quantities of high-quality industrial chemicals for war production.

Since 1885, Stauffer has been serving American industry — through wars and during peace times — with a long list of important chemicals.

Borax
Boric Acid
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*Commercial Nitric Acid
*Copperas
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Liquid Chlorine
Nitrate of Potash
Silicon Tetrachloride
Sodium Hydrosulphide
Stripper, Textile
*Sulphate of Alumina
Sulphur
Sulphuric Acid
Sulphur Chloride
*Superphosphate
Tartaric Acid
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Titanium Tetrachloride

* Items marked with star sold on West Coast only

Stauffer

420 Lexington Avenue, New York, N. Y.
444 Lake Shore Drive, Chicago, Illinois
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STAUFFER CHEMICAL COMPANY

550 South Flower Street, Los Angeles, Cal.
424 Ohio Bldg., Akron, O.—Apopka, Fla.
North Portland, Oregon—Houston, Texas

Strontium, sulphate, nat., 92% min. $SrSo_4$, air-floated, 300 mesh, c.l., works..ton.52.00 - —
5 to 15 ton lots, same basis..ton.54.60 - —
Strophantin, bots.....oz.30.00 - —
Strophanthus seed, Kombe, bgs.lb. 2.65 - 2.70
Styrogl, acetate, bots.....lb. 2.50 - 2.10
Strychnine, crystl., cns., 100-oz. lots..oz. 7[illegible]
Acetate, 25-oz. cns., 100 ozs..oz. .30 - —
Arsenate, 25-oz. cns., 100 ozs.oz. .91 - —
Arsenite, 25-oz. cns., 100 ozs.oz. .88 - —
Glycerophosphate, 25-oz. cans, 100-oz. lots..oz. .89 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .85 - —
Hypophosphite, 25-oz. cns., 100-oz. lots..oz. 1.00 - —
Nitrate, 25-oz. cns., 100 ozs.oz. .82 - —
Phosphate, 25-oz. cns., 100 ozs. oz. .89 - —
Sulphate, crystl., cns., 100 ozs. oz. .58 - —
powd., cns., 100-oz. lots.oz. .48 - —
Sucrose octa-acetate, C.P. grade, bbls., l.c.l., works..lb. .55 - —
denat. bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .70 - 1.40
Sugar of milk (See Milk sugar)
Sulfadiazin, 100 lb. dms.....lb.13.00 - —
Sulfaguanidine, 100 lb. dms...lb. 5.50 - —
Sulfanilamide, 5 lbs., bots....lb. 1.45 - —
fib. dms., 1,000 lbs.....lb. 1.00 - —
100 lbs.....lb. 1.05 - —
25-lb. lots.....lb. 1.20 - —
Sulfapyridine, powd., 1,000-lb. lots, bots., tins...lb. 5.00 - —
500-lb. lots, bots., tins.....lb. 5.10 - —
100-lb. lots, bots., tins.....lb. 5.15 - —
25-lb. lots, bots., tins.....lb. 5.30 - —
Sulfathiazole, 1,000 lbs., dms..lb. 4.00 - —
500-lb. lots, dms.....lb. 4.10 - —
100-lb. lots, dms.....lb. 4.15 - —
25-lb. tins.....lb. 4.30 - —
1-5 lb. bots.....lb. 4.45 - 4.80
Sesquihydrate, prices same as sulfathiazole.
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.35 - —
Sulphur, crude, bulk, f.o.b. cars, mines, contracts..long ton.18.00 - —
flour, comm'l, bgs., c.l..100 lbs. 1.80 - —
l.c.l.....100 lbs. 2.40 - —
flowers, USP, bgs., c.l..100 lbs. 3.30 - —
l.c.l.....100 lbs. 3.80 - —
bbls., c.l.....100 lbs. 2.85 - —
l.c.l.....100 lbs. 4.15 - —
refined, cast, bgs., c.l..100 lbs. 2.45 - —
l.c.l.....100 lbs. 2.95 - —
heavy, USP, bgs., c.l..100 lbs. 2.85 - —
l.c.l.....100 lbs. 3.35 - —
bbls., c.l.....100 lbs. 3.20 - —
l.c.l.....100 lbs. 3.70 - —
light, USP, bgs., c.l..100 lbs. 2.95 - —
l.c.l.....100 lbs. 3.45 - —
bbls., c.l.....100 lbs. 3.30 - —
l.c.l.....100 lbs. 3.80 - —
lumps, bgs., c.l.....100 lbs. 2.45 - —
l.c.l.....100 lbs. 2.95 - —
bbls., c.l.....100 lbs. 2.80 - —
l.c.l.....100 lbs. 3.30 - —
rolls, bgs., c.l.....100 lbs. 2.65 - —
l.c.l.....100 lbs. 3.15 - —
refined, 100%, bgs., c.l., frt. alld..100 lbs. 2.55 - —
Prices at the mine for various grades refined sulphur 50c. less per 100 pounds.
rubbermakers, comm'l, 99½%, bgs., c.l., frt. alld.100 lbs. 2.20 - —
Chloride, 55-gal. dms., c.l...lb. .08 - .08½
l.c.l., dms., works....lb. .04 - .04½
10-gal. dms., c.l.....lb. .07 - .07½
l.c.l.....lb. .08 - .08½
Dioxide, liquid, cyls., works..lb. .07 - .08
multi-unit, cars, works..lb. .04½- .06
tanks, works.....lb. .04 - .06
refrigeration, cyls., works.lb. .18 - .21
multi-unit cars, works..lb. .04½- .06
Iodide, bots., jars.....lb. 3.90 - 4.00
Precipitated, USP, bbls.....lb. .18 - .27
Sumac, extract, bbls., No. 1...lb. .08 - —
No. 2.....lb. .07 - —
stainless, bbls.....lb. .09 - .11
Berries, bgs.....lb. .13 - .18
Sunflower seed, Calif., large, bgs. lb. .10 - .10½
medium, bgs.....lb. .09½- .10
poultry.....lb. .09 - .09½
Superphoshate,[1] run-of-pile basis, 16% a.p.a., bulk, Florida points..unit. .50 - .53
same basis, Baltimore...unit. .64 - —
same basis, other points..unit. .55 - .84
Additional charge for guaranteed 18%, 19% and 20% a.p.a. 1½c. per unit. Additional charge for granulating, 2c. per unit.
Triple, 40% and more a.p.a., bulk, Florida producing points, f.o.b. cars..unit. .62 - —
same basis, South Carolina..unit. .65 - —
same basis, Tennessee and Montana..unit. .70 - —
same basis, Wash., Ore., Cal., Nev., Utah, Idaho, Mont., Wyo., N. D., S. D., Neb., Kan., Colo., Ariz. and N. M., dlvd..unit. .88½- —

T

Talc, dom., aluminum flake-type, grd., c.l...ton.14.50 -24.50
l.c.l.....ton.16.50 -30.00
Calif, c.l.....ton.17.50 -43.00
N. Y. fibrous, 325 mesh, 92-94%, c.l., bgs..ton.13.00 -18.00
99-99½%, c.l., bgs....ton.15.25 -19.25
99-99%, c.l., bgs.....ton.17.00 -21.00
coarse, off-color, c.l., bgs. ton.13.00 - —
Pennsylvania, c.l., bgs...ton.11.00 -13.50
l.c.l., bgs.....ton.12.00 -14.50
Vermont, c.l., bgs.....ton.14.00 - —
l.c.l., bgs.....ton.15.00 - —
imp., Canadian, c.l., bgs..ton.24.00 -30.00
Talc, domestic, is quoted at the mills in bag packaging.
Tallow,[1,5] edible, tanks.....lb. .09¾- —
ined., extra, loose.....lb. .08¾- —
special, loose.....lb. .08½- —
sulphonated, 33% (24% fat), dms., c.l...lb. .05¾- —
l.c.l.....lb. .06¾- —
50% (43% fat), dms., c.l....lb. .06¾- —
l.c.l.....lb. .07¾- —
50% (48% fat), dms., c.l...lb. .07¾- —
l.c.l.....lb. .08¾- —
Tamarind, No. 1, bbls.....lb. .10 - .12
kegs.....lb. 7.45 - —
Tankage, fertil., animal, bulk, unit-ton. 4.50 & .10
grd., 9% ammon., 10% b.p.l., 10-11% ammon., 15% b.p.l., bulk, basis Chi..unit-ton. 4.00 & .10
feeding, unground, 9-11% ammon., bulk..unit-ton.5.10 - —
basis Chicago.....unit-ton. 5.53 - —
Tansy leaves, bls.....lb. .23 - .24
Tapioca flour, Brazil, bgs.....lb. .03¾- .04½
Java, bgs.....lb. .04¾- .07¼
Tar acid oil,[6] 10%, dms., c.l., works..gal. .27½- —
l.c.l., same basis.....gal. .29½- —
25%, dms., c.l., works..gal. .31½- —
l.c.l., same basis.....gal. .33½- —
Tar, pine, retort, dms., East..gal. .30 - .33
tanks, East.....gal. .24¼- —
Tarragon herb, bgs.....lb. 1.70 - 1.75
Tartar emetic, tech., fine gran. or powd., bbls., kgs., 5 or more..lb. .47¾- —
less than 5.....lb. .48 - —
dms.....lb. .48½- .51
USP, powd., bbls.....lb. .52¾- .53
Terpin hydrate, cryst., bbls., dms. lb. .70 - .72
powd., bbls., dms.....lb. .75 - .77
Terpineol, dms.....lb. .35 - .50
alpha, denat. grade, dms., c.l., works, net wght..lb. .17 - —
Terpinyl acetate, cns.....lb. .37 - —
dms.....lb. .35 - —
Terra alba (see Gypsum).
Tetrachlorethan, dms., works..lb. .08 - .08½
Tetrachlorethylene, Cl_2, dms...lb. .31½- —
tech. (see Perchlorethylene).
Tetralin, dms.....lb. .19 - —
Tetrasodium pyrophosphate (see Soda pyrophosphate).
Thallium sulphate, 99% pure, bots., works..lb.12.50 - —
Theobromine,[6].....lb. 2.65 - —
Sodiosalicylate,[6] dms.....lb. No price
Thiamine hydrochloride, bots., cns., 100 grams or more..gram. .37 - —
smaller lots.....gram. .40 - —
Thiocarbanilide, dms.....lb. .24 - —
Thiourea, CP, dms.....lb. .55 - .56
Thorium, nitrate, cs., works...lb. 2.00 - —
Thyme,[3] French, bls.....lb. .90 - 1.60
Moroccco, bls.....lb. .21 Nom.
Spanish, bls.....lb. .25 - .35½
Thymol, cns., 25 lbs.....lb. 2.75 - 3.00
Iodide, kgs., 50 lbs.....lb. 3.40 - —
25 lbs.....lb. 3.50 - —
Tikitiki (see Rice bran).
Timbo root,[2,6] (see Cube root).
Tin chloride, anhydrous.....lb. .45 - .45¼
Crystals, bbls., bgs.....lb. .59 - .59½
Metal,[1,6] Straits.....lb. .52 - —
Oxide, bbls.....lb. No prices
Tetrachloride, anhyd., bbls..lb. No prices
Titanium,[1] dioxide, bgs., c.l. (20 tons)..lb. .14½- —
l.c.l., 5 tons, single delivery. lb. .14¾- —
1,000-9,999 lbs.....lb. .15 - —
smaller lots.....lb. .15 - .15¼
bbls., c.l. (20 tons).....lb. .14¾- —
l.c.l., 5 tons, single delivery. lb. .15 - —
1,000-9,999 lbs.....lb. .15¼- —
smaller lots.....lb. .15¼- .15½
non-chalking, bgs., c.l. (20 tons)..lb. .16½- —
l.c.l., 5 tons, single delivery. lb. .16¾- —
1,000-9,999 lbs.....lb. .17 - —
smaller lots.....lb. .17 - .17¼
bbls., c.l. (20 tons).....lb. .16¾- —
l.c.l., 5 tons, single delivery. lb. .17 - —
1,000-9,999 lbs.....lb. .17¼- —
smaller lots.....lb. .17¼- .17½
chalk - resistant, bgs., c.l. (20 tons)..lb. .15 - —
l.c.l., 5 tons, single delivery. lb. .15½- —
1,000-9,999 lbs.....lb. .15½- —
smaller lots.....lb. .15½- .15¾
bbls., c.l. (20 tons).....lb. .15¼- —
l.c.l., 5 tons, single delivery. lb. .15½- —
1,000-9,999 lbs.....lb. .15¾- —
smaller lots.....lb. .15¾- .16
barium or magnesium base, bgs., c.l. (20 tons)..lb. .05¾- —
l.c.l.....lb. .06 - —
bbls., c.l. (20 tons).....lb. .06 - —
l.c.l.....lb. .06¼- —
calcium base, bgs., c.l. (20 tons). lb. .05½- —
calcium-rutile base, bgs., c.l. (20 tons)..lb. .05¾- —
l.c.l.....lb. .06¼- —
bbls., c.l. (20 tons).....lb. .05¾- —
l.c.l.....lb. .06 - —

Carload prices are f.o.b. factories with actual freight paid. Less than carload prices are f.o.b. factories or ex warehouse with actual freight or trucking paid, except on the Pacific Coast, where they are f.o.b. warehouses. Pacific Coast prices are ¼c. per lb. higher than the above. When shipped in barrels, prices are ¼c. per pound higher.

Tetrachloride, CP, dms., works, 55 gals..lb. .57 - —
10-gal. dms., same basis..lb. .62 - —
5-gal. dms., same basis..lb. .70 - —
smaller pkgs.....lb. .90 - 1.25
technical, dms., works, 55 gals. lb. .12 - —
10-gal. dms., same basis.lb. .40 - —
5-gal. dms., same basis..lb. .45 - —
smaller pkgs.....lb. .65 - 1.00
Toluene (see Toluol).
Toluidin base, distilled, kgs...lb. .96 - —
Tolu balsam, cns.....lb. .80 - .85
Toluidin, mixed, dms.....lb. .26 - —
Toluol,[2,6,8] (toluene), 2° indus., dms., returnable..gal. .33 - —
tankcars, frt. alld. up to 2c. per gal..gal. .28 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .28 - —
1° nitration,[6] dms., returnable. gal. .34½- —
tanks, E. of Omaha, frt. alld., gal. .29½- —
W. Coast, f.o.b. Minnequa, Colo..gal. .29¼- —
Tonga, 50% bark and vine, bls.lb. .90 - .95
Tonka beans, Angostura, cks..lb. 2.50 - 2.80
Brazilian, Surinam, cs.....lb. .80 - .85
Totaquine,[1] USP XII, 100 oz....oz. .35 - —
25 oz.....oz. .38 - —
Triacetin, dms.....lb. .24 - —
Triamyl borate, dms., l.c.l., works. lb. .33 - —
Triamylamine, dms., c.l., works, lb. .96 - —
l.c.l.....lb. 1.01 - —
Tributylamine, dms., c.l., works. lb. .78 - —
l.c.l.....lb. .81 - —
Tributyl citrate, dms., ton lots..lb. .29 - —
single dms.....lb. .31 - —
smaller lots.....lb. .40 - —
Phosphate, dms., l.c.l., dlvd..lb. .47 - —
cns., works.....lb. .51 - —
Trichlorobenzene, dms., c.l. frt. alld..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
tanks.....lb. .07½- —
Trichlorethylene,[6] Zone 1, dms., c.l., works, frt. alld..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
Zone 2, dms., c.l., works, frt. alld..lb. .08½- —
l.c.l., same basis.....lb. .09 - —
Zone 3, c.l., works, frt. alld. lb. .09 - —
l.c.l., same basis.....lb. .09½- —
Zone 4, dms., c.l., whse.....lb. .09 - —
l.c.l., same basis.....lb. .09½- —

All prices on trichlorethylene are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Zone 1 includes the following States:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., Tenn., Ind., Ia., Pa. R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb.; Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha; S. D., Miss., Ark., S. C., La., Okla. and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Ida., Ore., Nev., Wash., Utah and Cal.

Tricresylphosphate,[6] CP., cns., works..lb. .43¼- .54½
dms., c.l., dlvd.....lb. .37½- —
smaller lots, dlvd.....lb. .40½- —
tech., cns., works.....lb. .28½- .45½
dms., c.l., dlvd.....lb. .25 - .31
smaller lots, dlvd.....lb. .32½- .51½
tanks, dlvd.....lb. .24 - .30
Triethanolamine,[6] dms., c.l., works. lb. .19 - —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .18 - —
Triethylamine, dms., l.c.l., works. lb. 1.16 - —
Triethyleneglycol,[6] dms., l.c.l..lb. .26 - —
Triethyl citrate, ton lots, 500-lb. dms..lb. .24 - —
single dm.....lb. .26 - —
Triethyl phosphate, cns.....lb. .46 - —
Trimethylamine, dms., c.l., dlvd. lb. .35 - —
l.c.l., dlvd.....lb. .90 - —
Triphenyl phosphate,[6] bbls....lb. .31 - .32
Tripoli, air - floated, bgs., c.l., works..ton.21.50 - —
double grd., bgs., c.l., works, ton.17.50 - —
once-grd., bgs., c.l., wks.ton.16.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tuba root,[2,6] (see Derris root).
Tungsten metal, powd.,[2,6] 99-99.7%, dms., works..lb. 2.60 - 5.40
Oxide, CP, kgs.....lb. No prices
Chem. grade, kgs.....lb. No prices
Turmeric root, Allepey, bgs..lb. .09¾- .11
Madras, bgs.....lb. .10½- .11
Turpentine, gum, dms., ex dock. gal. .76 - .80
wood, d.d., dms., East...gal. .55 - .58
tanks.....gal. .50 - —
steam-dist., dms.....gal. .62 - .65
tanks.....gal. .57 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, black, bgs....lb. 2.35 - —
yellow, kgs.....lb. 1.85 - —
Urea, dom., 46%, N., bgs., 20 tons, f.o.b. Belle, W.Va., Metropolitan New York, Phila., Wilmington, Del., Baltimore, Wilmington, N.C., Charleston, Savannah, Jacksonville....ton.80.00 - —
l.c.l., f.o.b. Belle, W. Va. ton.82.50 - —
5-19 tons, f.o.b. Boston, New York, Philadelphia, Wilmington, Del., Baltimore..ton.85.00 - —
less than 5 tons, f.o.b. New York, Phila..ton.90.00 - —
import, pure, cs.....lb. .12 - —
fertilizer compound, basis 42% N., bulk, c.l., f.o.b. Belle, W. Va., or Atl. Gulf ports. ton.57.40 - —
Urea-ammonia liquor, 42% N., bulk, c.l., f.o.b. Belle, W. Va., or Atlantic Gulf ports. ton.121.58 - —
37% N. (insoluble), f.o.b. Belle, W. Va., or Atl. Gulf ports. ton.127.00 - —
Uva ursi leaves, bls.....lb. .25 - .27

V

Valerian root, Belgian, bls...lb. 1.15 - 1.20
Eastern, bls.....lb. .80 - .82
Valonia, beards, bgs., f.a.s...ton. No prices
cups, bgs., f.a.s.....ton. No prices
Vanadium pentoxide, CP, bgs., cns., works..lb. 7.00 - —
tech., dms., works.....lb. 1.10 - —
Vanilla beans,[1] Bourbon, tins..lb. 8.75 - 9.00
Java, tins.....lb. 9.50 Nom.
Mexican, whole, tins.....lb.11.00 - —
cuts, tins.....lb.10.00 - —
Tahiti, white label, tins...lb. 4.00 - 4.25
yellow label, tins.....lb. 3.75 - 4.00
West Indian, tins.....lb. 8.75 - 9.00
Vanillin, ex eugenol, 25-lb. tins, lb. 2.60 - —
5-lb. tins.....lb. 2.65 - —
1-lb. tins.....lb. 2.75 - —
ex-guaicol, 25-lb. tins.....lb. 2.35 - —
5-lb. tins.....lb. 2.40 - —
1-lb. tins.....lb. 2.50 - —
ex lignin, any quantity, 25-lb. tins..lb. 2.35 - —
5-lb. tins.....lb. 2.40 - —
1-lb. tins.....lb. 2.65 - —
Venice turpentine, true, cs....lb. No prices
artificial, cs.....lb. .24 - .25
Verdigris, bbls., kgs.....lb. .22 - .25
Vinyl acetate,[6] 5-gal. cbys., wks., lb. .25 - —
dms., c.l., works.....lb. .15 - —
l.c.l., works.....lb. .16 - —
5 gals., dms., works.....lb. .25 - —
Ether, 75 c.c.....bot. 1.30 - —
50 c.c.....bot. .73½- —
25 c.c.....bot. .45½- —
Viosterol, irradiated ergosterol, mil units. .16 - .20
Vitamin A (see Oils, codliver, halibut liver).
B_1 (see Thiamine hydrochloride).
B_2 (see Riboflavin).
B complex, natural (see Rice bran and Yeast).
C (see Acid, ascorbic).
D (see Oils, codliver, halibut liver, viosterol)
E (see Alpha Tocopherol).
G (see Riboflavin).
P-P (see Acid, nicotinic; acid, nicotinic amide).
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum, naphtha, v.m.p.).

W

Wahoo bark, bls.....lb. .48 - .49
tree.....lb. .28 - .29
Wattle bark, bgs., f.a.s.....ton.42.00 -44.00
Extract, solid, bgs.....lb. .04475-.0460
liquid, tanks.....lb. .05¼- —
bbls.....lb. .05¾- —
Wax, amorphous, Group 3, 160-165 m.p., works, Okla., yearly contracts, amber, 60,000 lbs.lb. .14¼- —
black, 60,000 lbs., same basis..lb. .12¾- —
white, 60,000 lbs., same basis..lb. .24¾- —
130-135 m.p., amber, 60,000 lbs., same basis..lb. .16¼- —
black, 60,000 lbs., same basis..lb. .14¾- —
white, 60,000 lbs., same basis..lb. .28¾- —

Quotations on 30,000-lb. lots, ¼c. higher than those on 60,000 lbs.; on 20,000-lb. lots, ½c. higher than those on 30,000 lbs.; on 10,000-lb. lots, ¾c. above those on 5,000 lbs.; on 5,000-lb. lots, 1¼c. over those on 10,000 lbs.

Bayberry, bgs.....lb. .35 - .36
*Wax, bees,[1] yellow, crude, ton lots or more, bgs., f.o.b. N. Y.:—
Central & S. A., sun-bleachable, same basis..lb. .44¾- —
unbleachable, same basis lb. .41½- —
African, sun-bleachable, or nonsun-bleachable, same basis..lb. .37½- —
refined, USP, slabs, same basis..lb. .53¾- —
bricks, same basis.....lb. .53½- —
discs, same basis.....lb. .55½- —
5-lb. ctns., same basis.lb. .56½- —
2-lb. ctns., same basis.lb. .57½- —
1-lb. ctns., same basis.lb. .58½- —
rounds, or squares, same basis..lb. .57½- —
5-lb. ctns., same basis.lb. .54½- —
2-lb. ctns., same basis.lb. .59½- —
1-lb. ctns., same basis.lb. .60½- —
bleached, sun or chemical, USP, same basis..lb. .57 - —
bricks, same basis.....lb. .58 - —
discs or cakes, same basis lb. .60 - —
5-lb. ctns., same basis.lb. .61 - —
2-lb. ctns., same basis.lb. .62 - —
1-lb. ctns., same basis.lb. .63 - —
†Candelilla,[1] crude, one ton or more, bgs., f.o.b. N.Y...lb. .38 - —
refined, bgs., same basis...lb. .44 - —

† Note—For prices on powdered candelilla wax add the following amounts to the above schedule:—20 mesh, 5c. per lb.; 80 mesh, 5½c.; 100-200 mesh, 6c.

†Carnauba,[1] ton or more, bgs., f.o.b. N.Y. yellow, No. 1, same basis...lb. .83¼- —
No. 2, same basis.....lb. .81¼- —
No. 3, same basis.....lb. .79 - —
North Country, No. 2, same basis..lb. .75¾- —
No. 3, same basis.....lb. .73½- —
chalky, No. 3, same basis..lb. .71¼- —
refined, No. 3 North Country, same basis..lb. .76¾- .80

† Note—For prices on powdered carnauba wax, add the following amounts to the above schedule:—20 mesh, 5c. per lb.; 80 mesh, 5½c.; 100-200 mesh, 6c. per lb.

Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .13½- .14
jobbing lots.....lb. .14½- .15
150°-160° m.p., bgs., 1 ton...lb. .15½- .16
jobbing lots.....lb. .16½- .17
160°-170° m.p., bgs., 1 ton...lb. .16½- .17
jobbing lots.....lb. .17½- .18
Japan, cs.....lb. No stocks
Montan, bgs.....lb. No stocks
†Ouricury,[1] 1-ton lots or more, bgs., f.o.b. N.Y..lb. .49½- .51¾
refined, bgs., same basis..lb. .62 - —

† Note—for prices on powdered ouricury wax, add the following amounts to the above schedule:—20 mesh, 5c. per lb.; 80 mesh, 5½c.; 100-200 mesh, 6c.

Paraffin (see P).
Spermacetti, blocks, cs.....lb. .26 - .27
cakes, cs.....lb. .[illegible] - —

* Note—On single sales of carnauba, candelilla and ouricury waxes in less than ton lots, the following additions to maximum prices above may be made:—200 lbs. to 1 ton, 1c. per lb.; more than 100 lbs. and not less than 200 lbs., 3c. per lb.; 50 to 100 lbs., 5c.; and 1 to 49 lbs., 10c.

White lead (see Lead, white).
White pine bark, rossed, bls..lb. .08 - .09
White precipitate,[2] powd., dms., 50 lbs. or more..lb. 2.84 - —
Whiting, chalk, dry-grd., c.l.ton.18.00 -22.00
l.c.l.....ton.20.00 -24.00
wet-grd., c.l.....ton.31.00 -35.00
gilders, bolted, c.l.....ton.20.00 -24.00
l.c.l.....ton.21.00 -24.00
extra bolted, c.l.....ton.22.00 -26.00
l.c.l.....ton.23.00 -27.00
Paris white, c.l.....ton.24.00 -28.00
l.c.l.....ton.25.00 -29.00
Limestone, airfloated, 99¾%, 250 mesh, c.l..ton. 9.35 -10.15
200 mesh, c.l.....ton. 8.60 - 9.50
90%, 200 mesh, c.l.....ton. 6.25 - 7.00
water-floated, gilders' putty grade, c.l..ton.12.00 -13.00
l.c.l.....ton.13.00 -16.00
dry ground, 325 mesh, 40 tons, f.o.b. New England plant, ton. 6.00 - —
l.c.l., up to 5 tons, same basis..ton. 7.00 - —
less than 5 tons, same basis ton. 9.00 - —
Wild cherry bark, thick, natural, bls..lb. .05½- .06
rossed, bls.....lb. .15 - .18
thin, natural, bls.....lb. .09½- .10
rossed, green, bls.....lb. .12 - .15
Wild indigo root, bls.....lb. .2[illegible] - .2[illegible]
Witch-hazel extract, dist., NF, bbls..gal. .72 - .76
leaves, bls.....lb. .07 - .09
Witherite (see Barium carbonate, natural).
Woodflour, dom., 40 mesh, c.l., North Tonawanda, N.Y.ton.20.00 - —
60 mesh, same basis ton.24.00 -
80 mesh, same basis ton.27 00 -
100 mesh, same basis ton.30 00 -32 00
Woodflour, bags, extra, 25c. each; must be returned for credit. Carload freight to New York, N. Y., 29c. per 100 lbs.
Wormseed, American, bgs.....lb. .09 - .10
levant, bgs [illegible] no price
Wormwood, bls.....lb. .50 - .60

X

Xylene (see Xylol).
Xylol,[2,6,8] (xylene), indus., dms., returnable, works..gal. .32 - —
tanks, E. of Omaha, frt. alld. up to 2c. per gal..gal. .27 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .27 - —
10°, dms., returnable, works... gal. .35 - —
tanks, E. of Omaha, frt. alld., gal. .30 - —
5°, dms., returnable, wks..gal. .42 - —
tanks, E. of Omaha, frt. alld., gal. .37 - —
8°, dms., returnable, works... gal. .47 - —
tanks, E. of Omaha, frt. alld., gal. .42 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., bots., cns...lb. 1.75 - 2.20
Yeast, brewer's, dry, 50 B units, dms..lb. .35 - —
90 B units, dms.....lb. .40 - —
120 B units, dms.....lb. .45 - —
200 B units, dms.....lb. .58 - —
300 B units, dms.....lb. .72 - —

Yellow, benzidin, bbls., dlvd.	lb.	1.35	- 2.25
Cadmium, CP, import, bxs.	lb.	1.35	- 1.40
Lithopone, bbls., ton, E. of Rockies	lb.	.55	- —
smaller lots, same basis	lb.	.60	- —
packages, same basis	lb.	.65	- —
Sulphide, orange, kegs., casen. works	lb.	1.10	Nom.
Chrome, CP, bbls., dlvd., N. of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts	lb.	.16	- —
Chrome yellow, prices are ¼c. higher, dlvd Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, 1¼c.; Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.			
Dutch pink, bbls.	lb.	.09	- .11
Hansa, bbls., same basis as chrome.	lb.	1.37	- —
primrose, bbls., same basis.	lb.	1.75	- —
Mercury oxide, bbls., 1,000 lbs.	lb.	2.87	- —
smaller lots	lb.	2.89	- —
Ocher, American, golden, bbls., works.	lb.	.04½	- .06¼
yellow, bbls., works	lb.	.02	- .02¼
French type, bbls., c.l.	lb.	.0345	- —
l.c.l.	lb.	.0365	- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, Pa.	lb.	.04½	- —
l.c.l., same basis	lb.	.05	- —
synth., bbls., c.l., works	lb.	.07	- —
l.c.l., same basis	lb.	.071	- —
Persian orange (see O).			

Yellow, zinc, bbls., same basis as chrome, contracts	lb.	.15	- —
open order	lb.	.15	- —
Navy spec. type, bbls., contracts	lb.	.15	- —
open order	lb.	.15	- —
Yellow dock root, dom., bls.	lb.	.16	- .23
Yellow root (xanthorhiza), bls.	lb.	.11	- .13
Yerba santa leaves, bls.	lb.	.13	- .14
Yohimbine hydrochloride, vls.	oz.	3.00	- 5.75

Z

Zein, bgs., 1,000 lbs., works	lb.	.25	- —
smaller lots, works	lb.	.30	- —
Zinc acetate, tech., bbls., dlvd.	lb.	.16	- .17
USP, bbls., 250 lbs.	lb.	.26	- .27
kgs., 100 lbs.	lb.	.29	- —
Arsenite, kgs., c.l., frt. alld. E. of Rockies.	lb.	.12	- —
l.c.l., same basis	lb.	.12½	- —
Carbonate, tech., bbls.	lb.	.14	- .20
USP, precip., powd., bbls.	lb.	.35	- —
dms.	lb.	.40	- —
kgs.	lb.	.37	- —
Chloride, tech., fused, dom., c.l., works. 100 lbs.		5.00	- —
l.c.l., works. 100 lbs.		5.35	- —
gran., dms., c.l., works 100 lbs.		5.75	- —
l.c.l., works. 100 lbs.		6.50	- —
USP, dms.	lb.	.30	- .31
jars	lb.	.36	- —
solution, 50%, dms., c.l., wks.	lb.	.0315	- —
l.c.l., works	lb.	.04¼	- .04½
tanks, works	lb.	.0250	- —
Chromate (see Yellow, Zinc).			
Cyanide, kgs., works	lb.	.33	.37
Dust,[6] bbls., c.l., dlvd.	lb.	.1035	- —
l.c.l., works	lb.	.1135	- —
Fluoride, bbls.	lb.	.25	- .30
Iodide, NF, bots.	lb.	4.54	- —
jars	lb.	4.40	- —
Metal,[1,2,3] (quotations in Paint Market report).			

Zinc oxide,[6] pigment, dom., acicular, bgs., c.l., dlvd.	lb.	.07¼	- —
l.c.l., dlvd.	lb.	.07½	- —
American process, lead free, bgs., c.l., dlvd.	lb.	.07½	- —
l.c.l., dlvd.	lb.	.07½	- —
leaded, 5%, bgs., c.l., dlvd.	lb.	.07½	- —
l.c.l., dlvd.	lb.	.07¾	- —
35% or more, bgs., c.l., dlvd.	lb.	.07	- —
l.c.l., dlvd.	lb.	.07¼	- —
French process, com'l, lead free, bgs., c.l., dlvd.	lb.	.07¼	- —
l.c.l., dlvd.	lb.	.07½	- —
green seal, bgs., c.l., dlvd.	lb.	.09	- —
l.c.l., dlvd.	lb.	.09¼	- —
red seal, bgs., c.l., dlvd.	lb.	.08½	- —
l.c.l., dlvd.	lb.	.08¾	- —
white seal, bgs., c.l., dlvd.	lb.	.09½	- —
l.c.l., dlvd.	lb.	.09¾	- —
USP, 50-lb. ctns., c.l.	lb.	.10½	- —
l.c.l.	lb.	.10¾	- —
Zinc oxide in bbls. ¼c. higher; Pac. cst. ½c. higher, c.l., dlvd., l.c.l ex whse.			
Palmitate, bbls.	lb.	.32	- .33
Resinate, fused, pale, bbls.	lb.	.11	- .12
precipitated, dms., dlvd.	lb.	.15	- —
Silicofluoride, bbls.	lb.	.15	- .18
Stearate, tech., ctns., c.l., frt. equald.	lb.	.29	- —
ton lots, frt. equald.	lb.	.30	- —
smaller lots, frt. equald.	lb.	.31	- —
USP (same prices).			
Sulphate, cryst., bgs., c.l.	100 lbs.	3.60	- —
l.c.l.	100 lbs.	4.35	- —
flake, bgs., c.l.	100 lbs.	4.10	- —
l.c.l.	100 lbs.	4.85	- —
powd., bgs., c.l.	100 lbs.	5.80	- —
l.c.l.	100 lbs.	6.55	- —
Zinc sulphate in bbls. 25c. higher.			

Zinc sulphide,[1,6] pure, bgs., c.l., dlvd.	lb.	.08¼	- —
l.c.l., dlvd.	lb.	.08½	- —
bbls., c.l., dlvd.	lb.	.08½	- —
l.c.l.	lb.	.08¾	- —
barium pigment, bgs., c.l., dlvd.	lb.	.0560	- —
l.c.l., dlvd.	lb.	.0585	- —
calcium pigment, bgs., c.l., dlvd.	lb.	.0560	- —
l.c.l., dlvd.	lb.	.0585	- —
magnesium pigment, bgs., c.l., dlvd.	lb.	.05¾	- —
l.c.l., dlvd.	lb.	.06	- —
Zinc sulphide on Pac. cst. ¼c. higher for pure, ½c. for others.			
Sulphocarbolate, NF, bbls., dms.	lb.	.26	- .31
Yellow (see Yellow, Zinc).			
Zinc-ammonia chloride, dms., c.l., works. 100 lbs.		5.65	- —
l.c.l., works. 100 lbs.		6.70	- —
Zinc-iron oxide pigment, bgs., c.l., dlvd.	lb.	.06	- —
l.c.l., dlvd. E. of Rockies.	lb.	.06¼	- —
dlvd., Pac. cst.	lb.	.06½	- —
ex whse., Pac. cst.	lb.	.07	- —
Zirconium nitrate, kgs., works.	lb.	3.00	- 4.00
Oxide, crude, 70-75%, grd., bbls., works.	ton	75.00	-100.00
white, 98%, grd., kgs., works.	lb.	1.80	- 2.00

Synthetic Resins

The customary monthly listing of prices for synthetic resins and other branded paint materials will appear next in the April 5 issue of OPD.

Margarin Production Increased in January

Production of margarin during January amounted to 61,983,881 pounds, as compared with 42,099,328 pounds in the previous month and 34,746,397 pounds in the same month last year, according to statistics compiled by the Bureau of Internal Revenue, Washington. A comparison of production in January with the same month in the previous year follows:—

	Pounds 1943	Pounds 1942
Production of uncolored oleomargarin	[1]54,608,061	[2]34,684,326
Withdrawn tax-paid	53,091,091	35,801,707

Ingredients used in the production of colored and uncolored margarin in January, 1943, compared with January, 1942, follows:—

In Uncolored Margarin

	Pounds 1943	Pounds 1942
Bahassu oil	.....	5,175
Butter culture	450	.....
Butter flavor	557	43
Coconut oil	.....	1,969,561
Corn oil	85,695	118,031
Cottonseed oil	28,956,734	14,396,529
Cottonseed stearin	2,460	.....
Derivative of glycerin	101,384	72,216
Diacetyl	100	151
Emulsol	.....	908
Lecithin	44,412	29,421
Milk	9,462,823	6,038,899
Monostearin	11,818	16,093
Neutral lard	1,063,417	1,209,562
Oleo oil	1,883,230	2,196,051
Oleo stearin	350,462	294,313
Oleo stock	341,215	355,046
Palm oil	.....	709,935
Peanut oil	8,812	195,223
Salt	1,739,536	1,192,314
Soda benzoate	27,517	15,778
Soybean oil	11,710,876	6,844,846
Sunflower oil	.....	14,852
Tallow	85,315	.....
Vitamin concentrate	9,377	7,600
Total	55,886,188	35,675,978
Production of colored oleomargarin	[3]7,375,800	[4]424,415
Withdrawn tax-paid	219,570	62,071

In Colored Margarin

Butter culture	141	.....
Butter flavor	78	1
Coconut oil	.....	176,078
Color	4,763	377
Corn oil	1	62
Cottonseed flakes	20,506	.....
Cottonseed oil	1,093,384	30,462
Cottonseed stearin	11	5,940
Derivative of glycerin	14,736	690
Diacetyl	5	1
Lecithin	1,824	117
Milk	1,094,453	74,911
Monostearin	8,390	637
Neutral lard	9,818	7,745
Oleo oil	61,470	37,515
Oleo stock	7,078	4,757
Palm oil	.....	18,440
Peanut oil	.....	54
Salt	226,960	16,318
Soda benzoate	3,911	142
Soybean oil	4,802,305	60,748
Vitamin concentrate	2,481	35
Total	7,352,315	435,030

Note.—The figures for January, 1943, are subject to revision until published in the commissioner's annual report.

[1] Of the amount produced, 9,101 pounds were reworked.
[2] Of the amount produced, 17,542 pounds were reworked.
[3] Of the amount produced, 28 pounds were reworked.
[4] Of the amount produced, 576 pounds were reworked.

—O-P-D—

Indian Refining Approves Texas Co. Stock Transfer

Stockholders of Indian Refining Company at a meeting in Augusta, Maine, approved an offer to transfer its assets to Texas Company in exchange of one share of Texas stock for each four shares of Indian common stock.

—O-P-D—

Asphalt Institute Names Gray Manager

Bernard E. Gray, chief engineer, has also been named general manager of the Asphalt Institute. Mr. Gray has been with the organization for the past thirteen years. Herbert Spencer has been reelected president of the organization.

ZINC CHROMATE GOES TO SEA!
MOST ships that slip majestically down the ways in the increasing crescendo of our naval building program are protected against corrosion with zinc chromate primers. The U. S. Navy and Maritime Commission have recognized the great value of these compounds.
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Zinc chromate primers find extensive application in aircraft construction for Army and Navy use.
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Mutual Chemical Co of America
270 MADISON AVENUE, NEW YORK

"And Freedom's banner streaming o'er us"

Oil, Paint & Drug Reporter

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Totalitarianism's Alternative

Fear that this country may go totalitarian was expressed by the president of the Chamber of Commerce of the United States in a recent public address. That fear is more than "fear of fear"; it has some foundation in current trends of thought in governmental circles, and these must be expected to go on and on as long as the ideas to which they are attached are not fitted by business to practicable purposes or shown beyond question by clear logic, not by mere reiteration of almost meaningless slogans and mottoes and euphemisms, to be what they are.

Now, what are they?

The difficulty is that there are as many answers to that query as there are answerers of it.

The president of the chamber of commerce said that the responsibility of maintaining America's standards of living must rest with management and labor. The best part of that statement of a truth which is self-evident is that the speaker did not say "industry and labor." But, just what are these America's standards of living which must be maintained? Again, the answers will be multitudinous—and heterogeneous.

Once upon a time America's living standard was aimed at "a chicken in every pot, and two cars in every garage." Later it found expression in an automobile for every five persons—and a bathtub for every ten—a radio in every house—a toilet in half of them. And now WPB and OPA have something to say about the definition in practical terms.

But. that is not the major premise. The thing to think of now and for the duration of everything is that management and labor must manage and labor to keep America's living free from governmental controls and directions. There is only one way in which that desideratum can be assured; that is, by doing such a complete, proper, and satisfactory job of directing and controlling that there is no reason for any other agency to meddle. That has been, is, and always will be the responsibility and duty of the business trinity — ownership, management, and labor.

—O-P-D—

Puzzling Out the Future

Congress does not like the "communistic" earmarks of the socioeconomic program of the National Resources Planning Board for the postwar United States of the World—to say nothing of its U.S.A. impingements. So, Congress has laid the plan on a high, dark shelf.

Congress has laid the groundwork of a postwar program of its own; it has got as far as figuring on setting up a committee to investigate this postwar country now and henceforth. So, doubtless there will be a lot of pullings-out-of-hats by seers and a lot of orating by seersuckers as the mental (or substitute) glimpses of the future loom up in the crystal ball.

As has been said here before: business will do best to steer clear of both bureaus and blocs in its programming of postwar performances. It will do well also to have nothing to do with those who would sell the products of the future at a profit for the present. The postwar world is going to be a different world. What its differences will mean to business will depend on what business will have learned meanwhile—starting now.

—O-P-D—

Business: Save Thyself

In the run-of-mine thinking of the business world there is antipathy and even antagonism to the idea that any successful means of maintaining anything worth while as a characteristic or prilege—or right, if you will—of the people, must be implemented by government. For this, there are two reasons. One of these is that government always wants to "hog the works" when it has a job to do with business, which needs be only supervisory. The other reason is that governmental supervision does away, or at least tries to do away, with the inequities and special advantages inherent in the competitive system.

The first reason should have no basis. Business should be able to assume and willing to exercise such a full measure of operative functioning for its own good that nothing operative would be so neglected as to attract the attention and ambition of government to its doing. In other words, if there was nothing for government to do except supervise the job, business could tell government to stick to its supervising. Unfortunately, experience has not shown that the condition of satisfactory operation on the part of business is easy to meet. It is true that much of the meddling of government in the functioning of business extends far beyond any perceptible need. But, for the most part, there is an obvious reason why government began its meddling.

The second reason—that governmental supervision is too level—was behind the antipathy of business toward the old NRA, to the regret of many when the newer governmental substitutes for that potentially valuable medium of coordination, correlation, and self-determination for business were applied in the largely haphazard search for a panacea for business anemia.

Business could have a far larger measure of autonomy if it went about the getting thereof by showing how it can function not by telling how it should be permitted to do what it has in mind—quite nebulously at best. It cannot expect to be much the gainer whether the necessary governmental supervision be exercised by some executive bureau or some legislative committee; although the patent selfish influence of this, that, or some other bloc or combination of blocs in Congress gives the bureaucrat a preferred status.

The exigencies of today—and those of tomorrow will be more so—require that business become fully cognizant of what it faces and the situations that will come upon it. It must prepare to study its responsibility, to itself and to its supporting public—it is not only movie stars that must have a public. It must contrive an agency to meet governmental planners and governmental doers with something better than they can offer. Business must be its own savior; and its method must be right.

—O-P-D—

Publicity That Hurts

The fundamentally commendable desire of business to be self-determinative in large degree in its operations and relations is not helped by such disclosures of inefficiency as that in the senate's investigation of falsification of testing records on steel supplied in the national shipbuilding program. When the president of a corporation charged with laxity testifies that its high management knew nothing about what was being done wrongly or left undone, business is indicted on a charge of the unfitness of its management, which is "duck soup" for those who contend that government must run business. When the buck is passed enough times it always turns up in the hands of somebody who has been waiting for just that opportunity to use it for his own purposes.

The "steel scandal" incident is not unique in eliciting admissions of managerial inadequacies. The impact of resulting arraignments on business would be far more disastrous than they have been, were it not for one fact—government's record is not even so good. The one thing that business should be fearing in this connection is that WPB and OPA and AFPD and so on and on will, in time, come to function so ably that business management will be far outshone in its own particular occupation. There is no corollary indicating that, as the functioning of WPB and OPA and other war business agencies falls short of general satisfaction, the star of business management ascends in the public sky. No; the public hears that shortcomings and failures of the war agencies derive from lack of business cooperation—and there is more than a morsel of truth in that.

Business gets in bad with the public—as said public is influenced by those who do not admire or love business—for everybody's failures. The disturbing thing about this is that business is basically to blame for everybody's failures in the realm of public service; because business should have complete charge of that realm. To the extent that it leaves any doings therein to others it must suffer for their misfeasances and malfeasances.

OPD—3-29-1943

Analysis

● Chas. Pfizer & Co., Inc. has always regarded the careful and intelligent examination of all products as not only a necessary but also an important part of its manufacturing processes. We believe that the uniformity and high purity of our products cannot be assured without thorough examination and that it involves more than just the routine checking of materials against certain specifications.

The personnel of our Analytical Department is of the highest caliber and every effort has been made to make the most modern equipment available. Through thorough and careful analysis it has been possible for this department to make many suggestions which have resulted in improved products and improved methods of manufacture.

The research division of this department is constantly striving to improve or devise new techniques for the examination and analysis of our materials. New products, too, have always occasioned considerable analytical research, it often having been necessary to revise existing analytical methods to a great extent, or even to devise entirely new procedures. Needless to say, all of this would be impossible if analysis were considered to be merely a routine matter.

We feel that the reputation for dependability and high quality which our products enjoy is due in no small measure to our Analytical Department.

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Heavy Chemicals

War Chemicals Find Active Outlet—Production Moving Freely For War and Civilian Requirements—Arsenic Continues In Heavy Seasonal Demand

Inquiries for war requirements featured the market for heavy chemicals during the past week. Shipments continued on a liberal basis and there have been few instances of supply accumulations. Sizable arrivals of bauxite chrome ore, manganese were noted.

Seasonal relaxation in the movement of calcium chloride is reported and stocks are at a relatively low level. Resale lots of potash permanganate have been absorbed. Oxalic acid is finding new fields of consumption. Some fair business is reported in anhydrous trisodium phosphate from the process cheese manufacturers. All varieties of phosphorous have been in demand for war requirements. Carbon tetrachloride in containers has been sold plus the container cost, refundable on return. White powdered arsenic has continued in heavy demand both for war and insecticide requirements.

Paper production, as a percentage of six-day capacity, was 88.4 in the week ended March 20, according to the American Paper and Pulp Association. This compares with 89.8 in the previous week and 103.6 percent a year ago.

Supplies of sulphate of alumina have been brought to a low level. This applies to both commercial and iron-free grades. There is a good inquiry current but consumers are experiencing difficulty in satisfying wants. Soda perborate attracted more interest for bleaching purposes. Consumers have found this chemical a satisfactory substitute for peroxide and other bleaching agents that are difficult to purchase at the present time. Copper oxide has commanded more attention from shipyards. The approach of warmer weather has brought an improved inquiry for ammonia anhydrous for refrigeration wants. The call for aqua ammonia is also showing seasonal improvement.

Alumina Sulphate.—Restricted production keeping market in limited supply with no suggestion of immediate relief. Some sellers unable to meet requirements.

Ammonia, Anhydrous.—Active consuming demand absorbing output readily. Market in tight position.

Ammonia, Aqua.—Market firm under steady consuming inquiry. Price position well stabilized in all quarters.

Ammoniac, Sal.—WPB has prohibited its use for non essential industries. Both grades firmly held at former levels.

Arsenic.—Increased demand from producers of insecticides combined with steady absorption by government war plants is keeping the market in strong position without quotable price change.

Barium Carbonate.—Finding steady consumption in ceramic and enameling industries. Former price levels remain current.

Bauxite.—Arrivals of sizable quantities of the material were noted last week. Shipments moving steadily to manufacturers.

Carbon Tetrachloride.—Orders are being accepted plus the container cost with a refund on return. Demand is active with makers in position to supply requirements promptly.

Chrome Ore.—Demand continues active. Heavy arrivals noted last week.

Price Changes

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
170.2	170.2	170.2	170.2

Index numbers compiled from twenty typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
116.0	116.0	116.0	116.0

Market news that may have developed after this report was sent to press will be found on page 4.

Copper Sulphate.—Buying interest of good seasonal dimensions reported. Market retains steady position.

Copper Oxide.—Inquiries for marine requirements reaching market. Sales at former price levels reported.

Manganese.—A sizable shipment of ore arrived last week. No relaxation from steady position.

Phosphorus. — Business is being booked under limitation order M230. Amorphous, red and sesquisulphide are all experiencing a steady call at former price levels.

Potash, Caustic.—Supplies reported rather plentiful. Fair inquiry for small lots.

Potash Chlorate.—Allocations taking care of output. Market position tight with prices firmly maintained.

Potash Perchlorate.—Steady movement for war requirements. Supplies scarce with no relief in sight.

Potash Permanganate. — Maker quote on the basis of 19¾c.-20¼c. a pound, works, for technical in 110-pound drums, and at 21c.-22c., New York, depending upon quantity. U.S.P. in drums is quoted at 20½c.-21c. a pound, works, and at 21¾c.-22¾c., New York, according to quantity.

Soda, Caustic.—While war requirements continue heavy, there seems to be sufficient supplies to meet requirements. Former quotations are named by leading producers.

Soda Chlorate. — Allocations have been made for agricultural requirements. This is one of the largest weed-killing chemicals.

Soda Perborate.—In demand as a bleaching agent. Consumers in many instances have found this chemical a satisfactory substitute for peroxide. Former quotations being respected.

Acids

Acetic.—Demand for war requirements shows no abatement. Production moving readily into consumption.

Lactic.—Buying interest expanding sufficiently to keep stocks relatively low. Position firm with former prices current.

Muriatic.—Steady movement to government war plants.

Nitric.—All strengths finding steady

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 9

Trade Briefs

Theonett & Co. has moved its office to 328-30 North Ashland avenue, Chicago.

Cleveland Steel Barrel Company, Cleveland, Ohio, has completed a manufacturing addition to its plant.

H. M. Harper Company, Chicago, has opened a factory branch in the I. N. Van Nuys building, 210 West Seventh street, Los Angeles, Calif. C. A. Gouger is in charge.

George W. Travis & Co., Cornwall, N. Y., has been incorporated in New York with a capital of 200 shares no-par value, dealing in calcium chloride and other chemicals.

Continental Can Company has sold $14,000,000 of 3 percent debentures due in 1965 to a group of life insurance companies through arrangements made by Goldman, Sachs & Co., this city.

Cole Laboratories, maker of the new household ammonia substitute, Cole-Solv, New York, has opened offices in Los Angeles in 5729 Herold Way. Benjamin P. Kates will be in charge.

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outlet in munition and other war plants. Undertone firm.

Oxalic.—Steadily increasing demand has created a tight market condition. Production readily absorbed at present with sizable lots difficult to locate.

Sulphuric. — Heavy shipments for various industrial requirements reported. Price tendency firm in all varieties.

Baltimore—March 26

One market quarter reported that if 98 percent acid sold at $17.83 per ton, 66-degree acid would be worth $16.96 per ton and 60-degree acid $14.13 per ton. Oleum, a high-grade acid used for the manufacture of munition as well as in agriculture, is commonly quoted at $19 per ton for 20 percent material.

Insecticides

Supplies of insecticides may be at a relatively low level in some sections, but there will be enough, in the opinion of the Department of Agriculture, to adequately protect farmers and truck growers. Many standard sprays used in controlling plant disease contain copper compounds. Copper is required for munitions, but sulphur is in ample supply and for most uses is just as efficient.

A bill (S. 897) amending the insecticide act of 1910 to give the Secretary of Agriculture authority to require the coloring of any white powder insecticide or fungicide containing arsenic or fluorine in any form of combinations has been introduced in the senate by Senator Joshia Bailey, of North Carolina, chairman of the senate committee on commerce.

Consuming interest has shown a steady seasonal expansion during the past week. There have been instances of a shift of inquiry from some of the prominent mixtures to others. Calcium arsenate for instance seems to be taking the place of paris green as an agricultural insecticide for truck farmers. The vast increase in small gardening this year will likely have its reflection in total amount of insecticides consumed. Cotton planters are in a position to buy liberally of calcium arsenate if there is a heavy infestation of the boll worm.

Calcium Arsenate.—Inquiry reported active with former price schedule effective.

Lead Arsenate. — Consuming trade showing more interest, particularly in moderate quantities. Prices remain stationary.

Nicotine Sulphate. — Manufacturers making shipments promptly from available stocks. Prices fully sustained.

Paris Green.—Department of Agriculture recently purchased 100,000 pounds in fiber drums at 19.4c. per pound.

—O-P-D—

Chemical Patents Studied by Elder

—Continued from page 3

new chemical processes in the war program.

Dr. Elder joined WPB October 13, 1941, as principal industrial analyst for the purpose of scrutinizing pending applications for patents possessing peculiar interest and importance to national defense. His task includes investigating these applications and making recommendations to the Patent Office as to which should be kept in secrecy to prevent transmission of information abroad and those which should be permitted to issue in the regular course. His position calls for wide technical background and experience in whole chemical field.

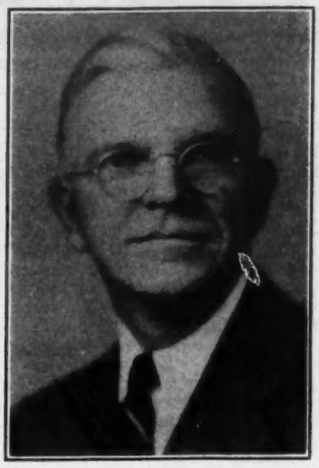
His activities include arranging for tests with the Bureau of Standards and the National Academy of Sciences in connection with inventions and calling in inventors for personal consultations and tests. In the course of his work he has spent much time in reviewing processes relating to the production of synthetic rubber.

Dr. Elder confers with industrial specialists concerned in the Chemicals Division of WPB as to the feasibility of applying patents in the wartime program of the Division.

—O-P-D—

Join the Red Cross

Wins Borden Award



Dr. Earle O. Whittier, senior chemist of the research laboratories of the Bureau of Dairy Industry, U. S. Department of Agriculture, has been awarded the $1,000 Borden Company prize for research in the chemistry of milk.

Monsanto Elevates Queeny, Belknap

—Continued from page 3

vice-president was elected to succeed Mr. Belknap.

In addition to his duties as president, Mr. Belknap will continue as chairman of the executive committee. As chairman of the board, of which he has been presiding officer since 1933, Mr. Queeny will continue to devote all of his business effort in behalf of Monsanto.

Mr. Belknap was born September 6, 1880, in Oakland. He attended St. John's Academy and St. Paul's school prior to becoming a midshipman at the U. S. Naval Academy. He was graduated from the academy in 1903 and commissioned an ensign, rising to the rank of commander before his resignation in 1919. During World War I he was director of the Naval Overseas Transportation Service. For his accomplishment Mr. Belknap was awarded the navy's distinguished service medal and the army's distinguished service medal.

He resigned from the navy in 1919 to become president of the General Steamship Corporation, San Francisco. In 1921 he entered the chemical industry as vice-president of Merrimac Chemical Company of Boston, becoming president in 1928. In 1929, when Merrimac was purchased by Monsanto Chemical Company, Mr. Belknap became a member of the board of directors and a vice-president of Monsanto. In 1931 he was elected executive vice-president. In 1939 he was elected to the additional post of chairman of the executive committee.

—O-P-D—

Orem Back from Florida

Edward Orem, assistant sales director for the Grasselli chemicals department of E. I. du Pont de Nemours & Co., Wilmington, returns today from a three-weeks sojurn in Winterhaven, Fla.

LIQUID Methyl Chloride BY ANSUL
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(Glucinum-Copper Alloys)

Metal Fabrication

Alloys for making—
- Brush-holder springs, bushings, cams, circuit-breaker springs, contact springs, diaphragms, electric range parts, flapper valves, fuse clips, helical springs, optical instruments, plugboard contacts, radio tube socket springs, relay springs, rollers, solderless connectors, spacing shims, switch blades and jaws, tappet roller bearings, valve springs and other parts, watch balance wheels, watch hands

---

Cadmium Phenylcyanamide

Insecticide and Fungicide

Claimed (U.S. 1949485) as—
- Seed disinfectant

Ingredient (U.S. 1949485) of—
- Seed-disinfecting compositions

Nonaethyleneglycol Monostearate

(Continued from March 22 issue)

Petroleum

Emulsifying agent in making—
- Cutting oils for lathe and screw-press work
- Emulsions containing petroleum or heavy petroleum distillates
- Kerosene emulsions
- Naphtha emulsions
- Soluble greases
- Soluble oils for lubricating textile machinery
- Various emulsified textile oils

Resins

Emulsifying agent for—
- Natural or artificial resins

Rubber

Emulsifying agent in making—
- Rubber compositions
- Special emulsified preparations used for coating, protecting, decorating, and other surface-treating of rubber goods

Soap

Emulsifying agent in making—
- Hand-cleansing compositions
- Various emulsified cleansing compositions
- Various emulsified scouring compositions

Stone

Emulsifying agent in making—
- Compositions for treating natural and artificial stone

Textile

Dyeing

Emulsifying agent for—
- Dye baths

Finishing

Emulsifying agent in—
- Coating compositions
- Dressing compositions
- Finishing compositions
- Impregnating compositions
- Sizing compositions
- Washing compositions

Manufacturing

Emulsifying agent in—
- Dispersions used for carbonizing of wool
- Dispersions used for degreasing raw wool
- Dispersions used in fulling operations
- Dispersons used for washing wool
- Emulsified preparations for degumming silk
- Emulsions used for kier boiling cotton
- Emulsions used for soaking silk
- Mercerizing baths
- Milling baths
- Oil emulsions for treating fabrics
- Special lubricating compositions used in weaving, knitting, warping and winding

Printing

Emulsifying agent in making—
- Printing pastes

Paraiodoacetanilide

Insecticide

Toxicant (U.S. 2226672) in—
- Insecticidal compositions

Sodium Phosphotungstate

(Additional uses — supplementary to information in the book, Uses and Applications of Chemicals and Related Materials—see bottom of this page)

Analysis

Reagent for determining and detecting—
- Alkaloids
- Ferrous salts
- Potassium
- Uric acid

Reagent in—
- Analytical procedures involving control and research in science and industry

Dye

Process material (U.S. 1378418) in making—
- Lakes

Paint, Varnish, and Lacquer

Dye stabilizer (U.S. 1912421) in—
- Nitrocellulose lacquers

Textile

Color stabilizer (U.S. 1375919) in—
- Dyeing cotton, jute, silk, wool

Undecanol

(5-Ethylnonanol-2)

Chemical

Intermediate for making—
- Flotation agents
- Plasticizers
- Wetting agents

Introducer of—
- Alkyl groups of high molecular weight into other compounds

New organic chemical offering the following properties—
- Mild odor
- Not readily oxidized (therefore does not turn rancid through oxidation or polymerization)
- Practically insoluble in water
- Stable liquid

Cosmetic

Intermediate for making—
- Cosmetic bases
- Perfume esters

Dye

Intermediate for making—
- Dyestuffs

Insecticide

Intermediate for making—
- Insecticidal compounds

Miscellaneous

Suggested as an antifoaming agent for various purposes (claimed to be especially useful where high temperatures are encountered and the more volatile antifoaming agents would be lost by evaporation)

Pharmaceutical

Intermediate for making—
- Pharmaceutical agents

Soap

Intermediate for making—
- Organic type detergents

White Cedar Oil

Aromatics

Oil for—
- Perfumery purposes (claimed (1) to have an exceptionally fine bouquet, (2) to blend well with ionones, (3) to give an orrislike character to violet compositions)

Soap

Oil for making—
- Odorants for soap

Data similar to those above on Uses and Applications of **5167** *Chemicals and Related Industrial Materials in one 665-page book* **$10**

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PRODUCT OF U. S. PHOSPHORIC PRODUCTS
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PHOSPHORUS SESQUISULPHIDE
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SODIUM BISULFATE
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TAR ACID OIL

NAPHTHALENE

PARA CHLOR META CRESOL

CHLOR XYLENOL

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XYLOL

CYCLOHEXANOL

METHYLCYCLOHEXANOL

ANHYDROUS AMMONIA

THE BARRETT DIVISION

ALLIED CHEMICAL & DYE CORPORATION

40 RECTOR STREET, NEW YORK

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Barrett

...ONE OF AMERICA'S GREAT BASIC BUSINESSES

Coaltar Chemicals

Phthalic Anhydride Plentiful With Glycerin Difficult to Procure —Xylol Position Grows Tighter—High Flash Solvent Naphtha Oversold—No Price Alterations

Phthalic anhydride, which has been in heavy production for some time, is growing plentiful. This condition, revealed by factors in the market for coaltar chemicals last week, is attributed to the current tight position of glycerin, which must be combined with phthalic in the manufacture of alkyd resins. Large quantities of crude naphthalene have been moving into phthalic anhydride production, and it is believed that the accumulating stocks of phthalic soon will exert an influence on naphthalene market conditions.

Aside from this development, xylol was noted to be in a much tighter position last week, this being due to proposed new uses for the material and continued good demand. Benzol, toluol, and phenol remained short over the week, and high flash solvent naphtha was in an oversold position.

Shortages in coaltar acids and intermediates were alleviated from time to time as regards certain items, but this did little to aid the generally tight situation, as those materials momentarily in better supply had to be combined in manufacturing processes with others that remained unobtainable. Importers received shipments of monochloronaphthalene and orthocresol during the week.

Steel operations last week were scheduled at 99.1 percent of rated capacity, a decline of 0.2 point from the previous week, according to the American Iron and Steel Institute. A month ago the rate was 97.7 percent, and in the corresponding week of last year it was 99 percent, up 1.1 points from the previous week.

Price Changes

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
129.2	129.2	129.2	130.1

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—Movement to government stockpile continues in large volume with needs for synthetic rubber and for the fortification of aviation fuel extensive. Material under complete WPB allocation control and prices steady. Estimates of byproduct cokeoven operations in week ended March 20 indicate production from that source of 3,768,600 gallons of benzol.

Coaltar.—New features lacking. Price schedules confirmed. Estimates of byproduct cokeoven operations in week ended March 20 indicate production from that source of 14,709,900 gallons of coaltar.

Creosote Oil.—Good movement for war purposes. Railroads' and utilities' takings also in considerable volume. Quotations steady. Estimates of byproduct cokeoven operations in week ended March 20 indicate production from that source of 778,000 gallons of creosote oil.

Cresylic Acid.—Trade wondering if recent advance in producers' price to 72.8c. per gallon on imported will bring in any larger volume of acid. Factors long had declared the former price too low, but were advised in November that an amendment to maximum price regulation 192 was in preparation to allow importers to include in their charges the 5 percent commission allowed in England under a British order on coaltar acids prices. Importers of cresylic acid of British origin were cautioned at that time, however, that only 3 percent commission on their transactions was currently allowed. The anticipated amendment was issued December 18 and became effective December 24.

Naphthalene.—Crude output continues in large volume. Accumulating stocks of phthalic anhydride due to the tight glycerin situation are expected to be reflected in crude naphthalene supply conditions in near future. Demand for balls and flakes up seasonally. No price alterations. Estimates of byproduct cokeoven operations in week ended March 20 indicate production from that source of 1,641,100 pounds of crude and refined naphthalene.

Phenol.—Market very tight with material under complete WPB allocation control. War needs heavy and lend-lease shipments in large volume. Supplies for intermediates low. Tone firm. Estimates of byproduct cokeoven operations in week ended March 20 indicate production from that source of 218,800 pounds of phenol.

Solvent Naphtha, High Flash.—Material oversold. Prices firm.

Toluol.—WPB allocations rule and market very tight. Heavy movement into war production channels. Price schedules rigidly observed. Estimates of byproduct cokeoven operations in week ended March 20 indicate production from that source of 753,700 gallons of toluol.

Xylol.—Proposed new uses and heavier demand have resulted in tight market position. Material under WPB allocation control. Prices firm. Estimates of byproduct cokeoven operations in week ended March 20 indicate production from that source of 170,100 gallons of xylol, crude and refined.

Chicago, March 24.—Movement of various grades of material is fairly active on the whole. War-related transactions are keeping suppliers busy. There is a good call for benzol. Inquiries remain active. Ruling prices exclusive of tax are:—Benzol, 90 percent, 15c. per gallon; toluol, 28c.; industrial xylol, 30c.; 10-degree xylol, 27c.; solvent naphtha, 27c.; creosote oil, grade 1, 15½c.

Hydrogenated Solvents

Cyclohexane. — Demand remains good. No change in price schedules.

Cyclohexanol.—Position unaltered. Quotations same.

Cyclohexanone.—Good movement of material into consuming channels. Prices firm.

Methylcyclohexanol. — Material in active demand. Quotations unchanged.

Coaltar Acids

Anthranilic.—Supply situation generally tight. Quotations show no change.

Benzoic, Technical.—Conditions unaltered. Prices same.

Broenner's. — Demand continues somewhat routine. No alterations in prices.

Cleve's.—Good demand. Quotations steady.

Fumaric.—Supply situation continues tight. Demand good. Prices unchanged.

Gamma.—Call moderate to good. No movements pricewise.

H.—Position firm. Level of demand and prices unchanged.

Laurent's.—Material in short supply. Quotations show no change.

Maleic.—Needs at good level. Position tight.

Association Meetings:—

American Association of Textile Chemists and Colorists, General Business Meeting, April 16, in New York.

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 9

Malic.—Conditions unaltered. Price schedules confirmed.

Picramic. — Undertone continues strong with no new features in market.

Picric. — No new developments. Prices firm.

Salicylic.—Supplies remain short. Quotations steady.

Sulphanilic.—Inquiry at good level. Price schedules unaltered.

Tobias.—Tone continues firm with no new developments in market.

Other Intermediates

Alphanaphthol.—Tone firm. Demand active. Supplies light.

Alphanaphthylamine.—Position unaltered. Prices same.

Anilin.—Oil and salts remain in tight supply. WPB allocations govern transactions.

Anthraquinone.—No new features in tight market.

Benzaldehyde.—Material in short supply. Quotations steady.

Benzidin Base.—Demand active. Supplies light. Prices firm.

Betanaphthylamine.—Good interest. Supply situation tight. Tone firm.

Diethylanilin.—New features lacking. Quotations confirmed.

Dimethylanilin.—Demand good. Supplies light. Price situation steady.

Dinitrobenzene.—Position very firm. No new developments.

Dinitrophenol. — Tight position of raw materials reflected in market.

Dinitrotoluene. — Position tight due to light supplies of raw material available.

Diphenylamine. — Good inquiry. Tone unaltered.

G Salt.—Supplies generally short. Demand active.

Monochlorobenzene.—No new developments in firm market.

Monochloronaphthalene. — Shipment of imported just received.

Nitrobenzene.—Supplies short. Position remains very firm.

Orthocresol. — Shipment of imported just received.

Orthonitroparachlorophenol. — Tight raw materials hold market very firm.

Orthonitrotoluene. — Supplies short. Inquiry good. Prices firmly held.

Paradichlorobenzene.—Demand very good. Supplies tight. Undertone firm.

Phthalic Anhydride. — Supplies growing plentiful due to tight glycerin situation. Phthalic production has been heavy for some time and crude naphthalene has been moving in good volume in this direction. Phthalic must be combined with glycerin to produce alkyd resins and the current accumulation of phthalic stocks is expected to exert an influence on the naphthalene market in the near future. Phthalic anhydride is under WPB allocation and use control. Prices continue steady.

Xylidin.—Proposed new uses and continued good demand hold market in very tight position.

Coaltar Colors

The market for coaltar colors was devoid of new developments last week. Curtailment of operations in the civilian textile industry continued to hold the call for quite a few shades very light while the movement of those colors needed for mills working on government orders remained heavy. Coaltar colors for other than textile uses were, in general, in routine demand.

—O-P-D—

Washington Talks It Over

—Continued from page 5

patents be extended in cases where new inventions can not be manufactured or holders of licenses can not make use of their patents because of war interference.

He has introduced a bill (S. 890) permitting any inventor or patent licensee, finding himself unable to enjoy the fruits of his patent rights, to apply to the Commissioner of Patents for an extension of the term of the patent equal to the period during which manufacture of the invention or use of the invention was impossible because of a shortage of materials, manpower, or transportation facilities.

OPA Meat Grading

From now on, all beef on the market must carry Uncle Sam's official stamp of quality. This is one of the little-known requirements of the OPA meat rationing program. The quality marks are "choice," "good," "commercial," and "utility"; they are in addition to the inspection stamp of the Department of Agriculture which has appeared on beef for many years, signifying that it is suitable for human consumption.

Official grading is of particular value at this time when the supply of meat is tight, to insure that the consumer gets precisely the quality of meat he is paying for.

—O-P-D—

Obituaries

Robert Harcourt

Dr. Robert Harcourt, head of the chemistry department of Ontario Agricultural College, died in Guelph, Ont., March 20. Prof. Harcourt graduated from the University of Toronto in 1893. Following graduation, Prof. Harcourt spent one year at Harvard University, specializing in organic chemistry, and later worked in the laboratory of D. H. Wiley, with the United States government at Washington. In 1901 he succeeded the late Dr. A. E. Shuttleworth as director of the department of chemistry at Ontario Agricultural College. He is a former president of the Canadian Institute of Chemistry. Surviving are his wife and one son.

Lt. Colonel W. W. Plechner

Lt. Col. Walter William Plechner, former assistant director of research for the Titanium Division of National Lead Company, was killed in action in the North African area, the War Department announced March 17. He was thirty-nine years of age.

Lt. Col. Plechner, then a captain of Infantry Reserves, was called December 20, 1940, from his position as assistant director of research for the Titanium division to active duty.

Born in Philadelphia, Pa., Lt. Col. Plechner was educated at the College of the City of New York, and Columbia University, receiving his Ph.D. from the latter institution in 1932. He became a research chemist for the Titanium Pigment Company in 1929 to 1934, when he was made director of research for the Southern Mineral Products Corporation. In 1935 he became a research chemist in Titanium division, and in 1937 to 1943 was named assistant director of research.

Allan S. Beckett, founder of the now liquidated A. S. Beckett Paint & Supply Company, Indianapolis, died March 13, after a long illness. He was sixty-one years of age.

Clifton C. Bunting, president of Longhorn Paint & Varnish Company, San Antonio, Texas, died March 13. He was fifty-three years of age.

Josiah T. Crowley, a chemist with the Department of Agriculture from 1891 to 1895, and from 1895 to 1906 a chemist and assistant director of the Hawaiian Sugar Planters' Experiment Station, died March 18. He was seventy-nine years of age.

E. J. House, long prominent in the naval stores industry previous to his retirement several years ago, died in Stockton, Ga., recently. He was seventy-one years of age. Surviving are his wife, three daughters, and three sons.

George F. Mayer, for more than twenty years a member of the technical staff of the Standard Oil Company of New Jersey, died, March 24, in Westfield, N. J. He was forty-six years of age.

A. L. Miller, of Erwin Wasey & Co., advertising agent, and a son of George H. Miller, president of the Musterole Company of Cleveland, died unexpectedly in this city last week. He was thirty-nine years of age. He had been with the Wasey firm for eighteen years.

Mrs. George L. O'Brien, wife of George L. O'Brien, head of the O'Brien Varnish Company, South Bend, Ind., died recently.

Andrew J. Patton, formerly associated with the Devoe & Raynolds Company, Newark, N. J., and later with the C. A. Woolsey Paint & Color Company, Jersey City, died March 21, in Belleville, N. J. He was eighty-one years of age.

Benjamin J. Skinner, president of Midwest Refineries, Inc., Grand Rapids, Mich., died March 21 from a heart ailment. He had been well known in Middle Western oil marketing and refining circles for years.

—O-P-D—

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(Ammonium Sulfocyanide)

Ammonium thiocyanate finds a variety of uses in industry . . . for the production of resinous condensation products, insecticides, metal plating baths, textile finishing agents, pickling compositions, photographic chemicals, lubricants and adhesives.

Ammonium thiocyanate has a behavior similar to other ammonium salts, but it also provides the variations of the thiocyanate group which is very stable and, in many reactions, resembles the halogens.

If you are now using any ammonium salts in your processes, such as chloride, acetate, oxalate, carbonate or nitrate, you may find you can use ammonium thiocyanate to advantage.

Samples and quotations on request.

KOPPERS COMPANY
Tar and Chemical Division · Pittsburgh, Pa.

OPD—3-29-1943

LIQRO TALL OIL

To Reduce Drying Oils for Civilians

(Bureau of Journal of Commerce)

WASHINGTON, Feb. 28.—Decreasing availability of drying oils coupled with increasing requirements of the armed forces necessitate a reduction in the amount for civilian protective coatings, the Paint, Varnish and Lacquer Industry Advisory Committee was informed at a meeting in Washington.

Quotas under Order M-71 probably will be readjusted in the near future, the committee was told. The industry was urged to make the best possible use of available drying oils including the use of bodied oils in exterior paints and a reduction in the amount of drying oils in interior paints.

LIQRO

Range of Analyses

PHYSICAL DATA	
Specific Gravity 60°F/60°F	0.97-0.99
Pour point, not over, °F	45
Viscosity—Saybolt Universal at 210°F—Seconds	95-120
	350-370
	410-420
Flash Point, °F	Brown
Fire Point, °F	0.4
Color	
Moisture—Less than, %	
CHEMICAL DATA	
Acid Number	160-170
Saponification Number	165-175
Rosin Acids Number	80-90
Iodine Number (Wijs)	140-150
Ash—Less than, %	0.4
	45-50
ANALYSIS	
Fatty Acids, %	42-48
Rosin Acids, %	6-9
Calc. as Abietic	
Sterols, Higher Alcohols, etc., %	

LIQRO

FOR THE PAINT AND VARNISH INDUSTRY

Further restrictions on the use of oils for the paint industry makes it essential that all sources of fats, oils, and fatty acids be thoroughly investigated.

Crude Tall Oil is finding limited application in the paint industry at present, but a study of its properties should reveal that a much larger use can be developed. Because of its color it is not offered as a hundred percent replacement for those oils that have been used in the paint industry for these many years, but is being offered only as a partial replacement under conditions prevailing.

Samples and Literature Available on Request

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844 LEADER BLDG., CLEVELAND, OHIO.

Paint, Varnish, Lacquer Materials

Buying of Paint Materials for War Uses Keeps Up Well As Civilian Purchasing Falls Below Par—Most Paint Oils Under FDA Control—OPA Permits Mica Markup

In preparation for the opening of the Spring outdoor painting season, the movement of ready-for-application paints, varnishes and lacquers from manufacturing plants into dealers' stores has been stepped up considerably with the advent of milder weather. Under the stimulus of paint-up and clean-up campaigns, inaugurated by national and local organizations of paint makers, professional paint contractors have made extensive purchases of these finished products and also of numerous supplies and materials for their own mixing. But as stocks already in their hands have been fairly sizable, their purchases have not reached the magnitude attained in the pre-Spring periods of the past two years.

Hence the movement of lead, zinc and titanium pigments into civilian uses has fallen slightly below the volumes of recent years on these scores. But partial compensation for this diminished movement into normal usage channels has been furnished by the continued heavy buying operations for war production uses.

Although new moves have been made within the past week toward achieving complete government control over tung, oiticica, peanut and soybean oils together with several other technical vegetable oils by a transfer of authority for such control from the War Production Board to the Food Distribution Administration and the issuance by the latter of restrictions over the processing, delivery, acceptance and use of these products, no announcement has been made on the long-awaited order of WPB which is expected to reduce still further the permissible use of linseed oil together with other paint oils to 55 percent or even to 50 percent of the quantity used in the specified base period. Nor has the long-overdue OPA order establishing a uniform price ceiling on casein yet made its appearance.

Metallic Lead and Zinc

With domestic production of pig lead continuing to reach sizable proportions and with only a slight diminution of imported metal thus far noted, the War Production Board is still adopting a lenient attitude toward the paint industry by permitting oxidizers and other lead pigment makers to fill their requirements in metallic lead, despite restrictions which that bureau has imposed on certain other uses. Price of pigs in St. Louis has continued to hold around 6.35 cents per pound and that in New York has been unchanged at 6.5 cents within the last week.

Although there is only a relatively small quantity of zinc slabs of prime Western grade available for the paint industry, there is a plentiful supply of zinc ores and the manufacturers of zinc oxides and sulphides are experiencing no difficulty in covering their needs. WPB's recently revised price regulation No. 3 covering prices of zinc scrap materials and secondary slab zinc is being strictly enforced. Recent arrivals at New York have included a fairly sizable tonnage of zinc concentrates. Prices of slabs have remained unchanged in the week from March 19 to 26, inclusive, at 8.25 cents per pound in East St. Louis and 8.66 cents in New York.

Price Changes

Advanced

Mica, domestic dry and wet ground, ¼c. per lb.
Rosin, medium, pale, 1c. to 30c. per 100 lbs.

Reduced

Rosin, gum, dark, 3c. to 9c. per 100 lbs.
Turpentine, gum, 1c. per gal.

Comparative Values

Index numbers compiled from ten typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
140.2	140.2	140.2	140.2

Market news that may have developed after this report was sent to press will be found on page 4.

Pigments

Blue Lead.—Buying interest growing steadily greater. Supplies, however, continue more than adequate.

Lead Titanate.—In moderate request. Stocks fair-sized.

Litharge.—Continues in active call, with government takings large.

Lithopone.—Movement reaching a fair volume, chiefly on business with the government.

Orange Mineral.—Purchasing operations continue sizable.

Red Lead.—Buying movement gaining momentum, with purchases by Navy and Army agencies leading civilian takings.

Titanium.—Though a slight diminution is noted in the movement into paint industry, there is still a large absorption by lightweight paper coaters. Shipments for all of March, while probably somewhat below January's total, are expected to run slightly ahead of those for February in their aggregate tonnage, due in part to the greater number of days, this month. Arrivals of rutile ore, one of the ores from which titanium is produced, have reached considerable volume within the past week.

White Lead.—Movement continues sizable on Navy, Army and lend-lease accounts and fair-sized on the score of normal trade takings.

Zinc Oxides.—While there is only a slight gain in the production and marketing of French process materials, there is a notable increase in the output and sales of American process oxides made from zinc ores.

Fillers and Extenders

Asbestos.—Both the Canadian and American materials continue in fair demand. Stocks still adequate.

Barytes.—Movement of crude material and blanc fixe reaching moderate proportions. Supplies only fair-sized.

Charcoal.—Only routine business

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 9

Trade Briefs

Cincinnati Paint, Varnish and Lacquer Association held its annual 'ladies' night party,' February 20. Sixty couples were present.

Edward J. Kiefer has been appointed Eastern sales manager of the Sigmund Ullman Company, a subsidiary of the General Printing Ink Corporation, this city.

Silucite Company has been chartered under the laws of Maryland to deal in serocite, mica and other minerals, with an authorized capital stock of 1,000 shares of $1 a share par. Saul H. Fremo, Morris R. Oldu and Benjamin Brilliant, all of Baltimore, are incorporators.

Lacquer & Chemical Corporation, Brooklyn, has appointed Morton H. Schwartz as director of advertising and sales. For fourteen years Mr. Schwartz had been advertising and sales promotion manager for the A. C. Horn Company, manufacturer of paints and waterproofings, Long Island City.

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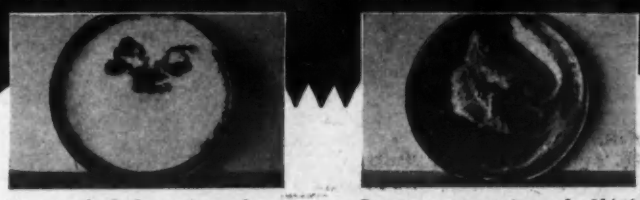

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METASAP CHEMICAL COMPANY

Stearates Palmitates

OF ALUMINUM, CALCIUM, LEAD, ZINC

A Division of National Oil Products Company

recorded, but prices strongly maintained.

China Clay.—In fair inquiry. Stocks still plentiful.

Diatomaceous Earth.—Continues in fair request.

Graphite. — Buying interest light. Supplies more than adequate.

Gypsum. — Continues in moderate request. Stocks of satisfactory proportions.

Mica.—To encourage and amplify production, the Office of Price Administration has announced an authorized advance in maximum prices of domestic dry-ground and water-ground mica, also of water-washed mica and micronized mica. This action has been taken through the issuance March 22 of MPR 347, effective March 26, which, besides raising the price ceilings of dry-ground and wet-ground mica, etc., has freed from price control scrap mica and crude mica schist, used in the production of ground mica, as well as domestic punch and sheet mica of non-strategic character. Reason for exempting scrap mica and crude mica schist from price control lies in the fact that, as they are used to produce ground mica, their prices will be determined by the price for ground mica just as effectively, under customary circumstances, as OPA could do so by assigning specific cash prices to them.

Domestic processors of the dry and wet-ground grades deliberated during the greater part of the past week, following the issuance of this order, whether or not to mark up their prices on amber and white dry-ground grades to the paint and roofing trades and on wet-ground grades for paint and lacquer makers, and also to paper and rubber manufacturers to the extent thus permitted. At the close of the week, none of the grinders had announced such a markup, but most of them expect to take this action shortly. To date, these manufacturers have been able to meet all requirements of consumers. Latest arrivals have consisted solely of the strategic materials, block mica and splittings.

Talc.—New York State fibrous material continues in brisk demand, with the supply inadequate for meeting all requirements and with deliveries, except on priority ratings, still 30 to 60 days behind schedule. There is also a moderate request for other descriptions, most of which are in more liberal supply.

Driers

Stearates and palmitates are moving more briskly into consuming channels. Production continues to expand, in spite of WPB's restrictions on numerous raw materials. Linoresinates and other substitutes for the allocated naphthanates likewise show increasing activity. Interest in the trade is focused upon the shortly expected announcement by WPB of the second quota of drying oils.

Dry Colors

Alkali Blue.—Only a routine movement is being recorded.

Bone Blacks.—Continue in fair request with stocks still ample.

Chrome Colors.—Navy orders continue to outstrip, but only by a small margin, those for civilian account in chrome oxide, zinc yellow and both chrome green and chrome yellow. It has been noted, of late, however, that although the actual number of orders booked by producers in March has been considerably greater than those taken in January and February, the quantity of these newer commitments has not reached as large an aggregate. However, it is expected that there will be a notable gain in the poundage with the outset of April, when civilian paint makers will be privileged to draw upon their quotas of drying oils for the second quarter.

Carbon Blacks.—Shipments continue at an increasingly heavy rate. Producers of rubber goods have been steadily amplifying their takings within the last three months and are expected to become still larger buyers as the synthetic rubber production program gets further under way.

Lithol Toners.—In only light demand but with supply more than sufficient for current requirements.

Mercuric Oxide.—Movement of this material continues sluggish, with stocks continuing fairly large.

Vermilions.—Supply more than adequate for the meagre requirements of the paint trade.

Lacquer Materials

Butyl Acetate. — Supply situation very tight. Prices firm.

Butyl Alcohol.—Transactions governed by WPB allocations with prices ruled by individual OPA ceiling.

Cellulose Acetate.—Conditions unaltered. Price schedules show no alterations.

Diamyl Phthalate.—Supply situation easier due to accumulation of stocks of phthalic anhydride resulting from tight glycerin position. Manufacturers must have glycerin to combine with phthalic in making alkyd resins. Quotations unaltered.

Dibutyl Phthalate.—Supplies easier. See diamyl phthalate.

Film Scrap.—Discussion in the trade centered last week around the fact that WPB has allocated to motion picture producers and distributors for the second quarter amounts of motion picture film similar to those allocated for the first quarter. The possibility that production of cut-sheet photographic film for civilian use may be increased was discussed by WPB officials and representatives of the industry. It was pointed out that such an increase in output would depend upon a relaxation of military demand for all types of film.

Naval Stores

Quieter conditions prevailed in Southern and local markets for rosin and turpentine last week. The movement into consuming channels appeared to be holding up to recent levels, especially in the case of rosin which is said to be finding an increasing outlet in some fields, notably the soap industry as a result of the shortage of supplies of other raw materials. New business last week, however, was on a smaller scale, consumers and dealers apparently being disposed to await further developments at Washington and also in the markets for other commodities. Weather conditions in some parts of the South were more favorable for operations in the woods but daily offerings of rosin and turpentine in the Savannah market remained light or moderate.

CCC Holdings

The following table shows the quantity of rosin and turpentine held by the CCC at the close of business March 15, 1943:—

Crop year	Rosin	Turpentine, casks
1938—barrels	82,597	.....
drums	1,000	.....
1939—barrels	44,301	.....
drums	20	.....
1940—barrels	157	.....
drums	.....	.....
1941—barrels	.....	.....
drums	128,146	.....
1942—barrels	334,298	21,148
drums	.....	132,727
Totals	590,499	153,875

Turpentine.—Purchasing of turpentine in the local market was generally limited to small lots for prompt shipment.

Savannah, March 26.—Following is a record of the turpentine market for the week:—

	Gallons—Cents.	Sales.	Barrels—Receipts.	Shipments.	On hand.
Saturday*	...	...	...	...	...
Monday	64	200	4	412	24,890
Tuesday	63¾	1,600	40	...	24,930
Wednesday	64	4,600	50	344	24,636
Thursday	64	150	17	118	24,537
Friday	64	1,150	...	148	24,385

* No trading.

Chicago, March 19.—Turpentine quiet. Five-drum lots, 76c. per gallon; five wood barrels, 81c.

Rosin.—There was nothing stimulating in market developments in the South and purchasing of rosin here was confined to small lots to meet current needs.

Why most interior water-thinned paints contain zinc sulfide pigments

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UNIFORMITY
EASY MIXING
GOOD PACKAGING
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PROVIDENCE RIDGEFIELD, N. J. CHICAGO

HOW PROPERTIES OF U.S.I. ETHYL ACETATE (85-88%) MEET EXACTING OFFICIAL STANDARDS

PROPERTY OF ETHYL ACETATE	U. S. ARMY SPECIFICATION NO. 4-503-100A	U. S. I. SPECIFICATIONS
Specific Gravity at 20°/20° C	0.882 to 0.888	0.882 to 0.886
Color Water White and Clear	Yes	Yes
Distillation Range Below 70° C Below 72° C Above 80° C Above 85° C	None Not more than 10% Not more than 3% None	None Not more than 10% None None
Non-Volatile Matter Maximum	0.005 gm per 100 ml	0.003 gm per 100 ml
Odor, mild with no residual odor	Yes	Yes
Freedom from water. Shall show no turbidity when mixed with specified amounts of 60° Bé gasoline at 20° C	10 volumes	20 volumes
Acidity (as acetic) Maximum	0.02%	0.01%
Ester Value by weight	82-88%	85-88%

Like Ethyl Acetate 85-88%, *all* U.S.I. products are manufactured to exacting standards—which aid *you* in meeting official specifications in your lacquer and paint formulations.

U. S. INDUSTRIAL CHEMICALS, INC.
60 EAST 42nd STREET, NEW YORK, N. Y.
A Subsidiary of U. S. Industrial Alcohol Co.
Branches in All Principal Cities
CHEMICALS INDUSTRIAL ALCOHOL SERVICE TO INDUSTRY SOLVENTS ALCOHOLS FREEZE

Savannah, March 26.—Following is a record of the rosin market for the week:—

	Price per unit—Low of range quoted				
	*Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B		$3.00	$3.00	$3.00	$3.00	$2.92
D		3.08	3.10	3.15	3.15	3.07
E		3.35	3.40	3.40	3.40	3.32
F		3.45	3.47	3.47	3.47	3.48
G		3.53	3.54	3.54	3.54	3.52
H		3.55	3.55	3.55	3.55	3.53
I		3.60	3.60	3.60	3.60	3.55
K		3.70	3.70	3.70	3.70	3.68
M		3.80	3.82	3.82	3.82	3.75
N		3.90	3.95	3.95	3.95	3.85
WG		4.40	4.40	4.40	4.40	4.79
WW		4.70	4.70	4.70	4.70	5.00
X		4.70	4.70	4.70	4.70	5.00
	Barrels					
Sales		70	138	54	160	222
Receipts			37	134	35	30
Shipments			210	463		200
Stocks						80,306

* No trading.

Chicago, March 19.—Rosin fairly active. Five-drum lots, B grade, $4.17 per 100 pounds net; W. W., $5.55.

Other Naval Stores

Pitch.—Steady movement into consuming channels on contracts and new orders. Market firm.

Rosin Oil.—Consumers generally adhering to a conservative course in making purchases.

Tar.—Retort in good demand. Quotations maintained. Tone firm.

Shellac

The war program does not wait nor does the need for shellac get any less as the program expands steadily toward the peak that will bring ultimate victory. Hence, every effort to speed the arrival on this market of badly needed shellac is to be made by government and industry alike. Elsewhere in this issue of the REPORTER appears a story which shows the maturity of plans for a speed-up of shipments by means of a liaison between this country and the Calcutta market. Meanwhile, the shellac market centers mainly on the insatiable appetite that the war machine shows for lac. With virtually nothing available for civilian unessential uses, the market for good and satisfactory substitutes never will be better than it is at present.

Synthetic Resins

A fairly sizable business continues to be noted in virtually all synthetic resins, despite the many restrictions imposed on permissible use of phenol, glycerin and numerous other raw materials which have tended to hold down the production of phenolic and alkyd products. Prices continue firmly held on all finished materials.

Varnish Gums

Asphaltum.—With stocks of many foreign varieties of this gum fast reaching the vanishing point and with the entire supply situation growing tighter daily, the market is developing notable strength. Demand continues brisk for virtually all classifications, with domestic substitutes for Egyptian and East Indian gums moving briskly with other American materials.

Copals.—Although recent importations of Congo copal have shown a shrinkage from the arrivals of a few months ago, the supply of both unsorted and sorted grades is still fairly sizable. Varnish makers continue to absorb moderate quantities and it is expected that eventually the customary users of synthetic resins who find it increasingly difficult to fill their requirements in these materials will turn with increasing avidity to these natural resins. Spirit soluble copals, though still in active request, are in such scanty supply as to be all but unobtainable in most quarters.

Glues and Binders

Casein.—Delay in the issuance of OPA's long-awaited order, establishing a uniform price ceiling for casein, is holding down production of this material at a time when the flow of milk is reaching a flush volume and thereby causing a serious shortage in the available supply when it is most urgently needed by war production plants, paper coaters and camouflage paint makers. While the output of domestic casein is thus reduced to meager proportions and importations from Argentina are shut off, the demand from manufacturers of plastics, adhesives, rubber goods, waterproofing material and many other products used in the war effort and requiring large amounts of lactic acid casein is attaining larger proportions daily.

Glues.—With an acute shortage of raw materials handicapping their manufacturing operations, producers of both hide and bone glues are being compelled to decline many proffered orders. Demand for hide glues is exceedingly active and that for bone glues is showing a steady expansion.

—O-P-D—

Hercules Powder to Open Sales Offices in Boston

Hercules Powder Company, Wilmington, will open sales offices in Boston April 1 for its cellulose products, naval stores, synthetics, explosives and paper makers chemical departments. The offices are on the seventh floor of the Statler Office building. Homer C. Simmons, New England manager of sales of the Cellulose Products Department, who is now in Stoneham, Mass., will head his departmental unit in Boston. Howard C. Bates, in charge of synthetics department sales for that territory, will be located in the Boston office.

W. M. Williams, the newly-appointed resident manager of the Paper Makers Chemical Department's plant at Stoneham, will also head the industrial chemical division sales group of the PMC Department in Boston. G. J. Rising, former resident manager at Stoneham, will be transferred to the Hercules office in Pittsburgh, Pa., where he will represent the industrial chemical division.

—O-P-D—

Canadian paints, pigments, and varnish output amounted to $40,183,625 in 1941, according to the Dominion Bureau of Statistics.

STANLEY DOGGETT, Inc.
ESTABLISHED 1878
MANUFACTURERS and IMPORTERS
DRY COLORS OF MERIT—QUALITY PIGMENTS
75 VARICK STREET, NEW YORK

Lacquer and Varnish Gums
Thurston & Braidich, Importers, 286 Spring St., New York

COPPER ACETATE
(FREE-FLOWING, NON-DUSTING)
Has replaced Verdigris. Used for coloring candles; manufacture of ship-bottom paints, pigments, insecticides, fungicides, and inks; a mordant in the dyeing of furs and textiles.

MANGANESE ACETATE
An excellent catalyst for many organic syntheses, mainly oxidation reactions. Also used for the manufacture of paint and varnish driers and as a mordant for textile and leather dyeing.

NIACET CHEMICALS CORPORATION
4703 PINE AVE., NIAGARA FALLS, NEW YORK

STANDARD
"THE ORIGINAL SYNTHETIC SOLVENT MANUFACTURERS"
You Can Use
ISOPROPYL ALCOHOL
SUPPLIES AVAILABLE
Recommended for lacquers, resins, laminating varnishes, body rubs, vitamin B1 preparation, sterilizing solutions, liniments and many additional applications.
Isopropyl Alcohol is on allocation and necessary forms will be gladly furnished.
STANDARD ALCOHOL CO. 26 BROADWAY NEW YORK

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DRY COLORS
Color Content Guaranteed
Chrome Greens
Chrome Yellows
Toluidine Reds
Para Reds Iron Blues
Cadmium Colors
Lake Colors
Ultramarine Blue
KENTUCKY COLOR & CHEMICAL CO.
Incorporated
General Office and Works
LOUISVILLE, KENTUCKY
Offices and Agents in Principal Cities
Distillers of Coal Tar Products

SICO
Ultramarine Blue
Alkali Blue Toner
Dyestuffs
Methyl Violet Toners
Blanc Fixe
Iron Blues
Para Toners
Toluidine Toners
Lithol Toners
Red Lake C Toners
Permanent Orange Toners
Pyrotone Red Toners
Barium Products
STANDARD ULTRAMARINE CO.
HUNTINGTON, WEST VIRGINIA

MINERAL PIGMENTS
Meeting Specifications of the Army, Navy, Maritime Commission, Federal Specifications Board, Panama Canal, and other Government Agencies.
For Protective Coatings, Camouflage, and other essential requirements of the Victory Program.
C. K. WILLIAMS & CO. EASTON, PA.

Speed Production with C LIMEOLITH
- An exceptionally easy and quick grinding pigment.
- Aids dispersion of other pigment.
- Saves wear on grinding mills and speeds production.
- A precipitated calcium carbonate product.

Manufactured by
Kansas City Limeolith Co.
2912 Southwest Blvd.
Kansas City, Mo.

Fats, Oil Control Tightened by F.D.A.

—Continued from page 7

tion, must obtain specific authorization for such deliveries.

Applications for authority to use, process, or deliver sperm oil should be filed hereafter with the Director of Food Distribution, U. S. Department of Agriculture, Washington. Applicants may continue to use WPB form PD-481.

Palm Oil

The re-issued order, FDO No. 38, continues the same restrictions as order M-59 on the processing, delivery, and use of palm oil, but provides exemption from the restrictions for any person using less than 2,000 pounds of palm oil per quarter. The use of palm oil has been limited since April 1, 1942, to the manufacture of tinplate, terneplate, steel sheets, steel strip, and black plate and to processes yielding required percentages of glycerine.

In order to conserve the available supplies for the most essential uses, the War Production Board ordered owners of 30,000 or more pounds on March 19, 1942, to set aside 25 percent of their total inventory for a war reserve.

Tung Oil

FDO No. 39 makes it necessary to obtain specific authorization to deliver or accept delivery of tung oil, in addition to the authorization previously required for processing or using tung oil. The new order applies both to domestically produced and imported tung oils.

Under the previous WPB regulation no authorization was required to deliver tung oil, or to use 35 pounds or less a month. The new order exempts persons using 40 pounds or less each month, but requires specific authorization by the Director of Food Distribution before deliveries can be made.

Applications for authorization to process, use, deliver, or accept delivery of tung oil may be made hereafter on WPB Form PD-600 and filed with the Director of Food Distribution, Department of Agriculture, Washington, D. C.

—O-P-D—

Shellac Exports Speed-Up To Be Studied by BEW

OPD Washington Bureau

A representative of the Board of Economic Warfare is to be sent to India to cooperate with the representative of the British Ministry of Supply in the operation of the Indian shellac procurement program, it was announced March 22 by the BEW.

Selection of the representative has not been made as yet, it was stated, but it will be one of his principal functions when he arrives in India to see if there is any way possible to facilitate the exportation of shellac to the United States.

In announcing plans to place a man on the scene, the BEW cautioned not to expect any changes in the present system of procurement for the present. The present system of public purchase of all shellac for importation to the United States and the United Kingdom will be continued and no change in the prices paid for the shellac is contemplated, it was stated.

The announcement added that Defense Supplies Corporation, acting under the direction of the board, will continue to be the sole buyer of shellac for importation into the United States, and the services of American importers and shipping agents will continue to be used as at the present time.

—O-P-D—

Fats, Oils Industrial Users Subject to Ration

—Continued from page 7

ceutical products for internal consumption by humans or animals, and experimental users of rationed fats and oils are considered industrial users under the order. Manufacturers of pharmaceuticals which are not taken internally by humans or animals should apply to the district or State OPA offices for point certificates.

Crude oils are not covered in the OPA order, but Food Distribution Order No. 29 provides that producers of crude cottonseed, corn, soybean and peanut oils must secure authorization before they can deliver specific quantities of such oils to industrial consumers. These producers need not apply for an allocation of these or other crude vegetable oils until further notice, the Department said, but should place orders with their regular suppliers.

—O-P-D—

Hercules Powder Elects E. Morrow Vice-President

Hercules Powder Company, Wilmington, has elected Edward B. Morrow as a vice-president. Francis J. Kennerley has been named to succeed Mr. Morrow as treasurer. Mr. Kennerley, who was assistant treasurer, will be succeeded by Leslie W. Mason, present comptroller, and William S. Harkins will be advanced from assistant to the comptroller to comptroller. Edward C. Hastings will succeed Mr. Harkins as assistant to the comptroller.

—O-P-D—

Zinc Institute Meeting Off

The American Zinc Institute has decided to dispense with its annual convention, usually held in April in St. Louis.

Steatite Makers Advisory Group Named by WPB

Steatite Manufacturers' Industry Advisory Committee has been established by the War Production Board. The government presiding officer is S. K. Wolfe. Other committee members are:—

R. G. Bellezza, of the Locke Insulator Company, Baltimore, Md.; Lester Brown, of the Lenox China Company, Trenton, N. J.; Henry L. Crowley, of Henry L. Crowley Company, West Orange, N. J.; Paul J. Kruesi, of the American Lava Corporation, Chattanooga, Tenn.; J. S. Lapp, of Lapp Insulator Company, LeRoy, N. Y.; C. L. Snyder, of the General Ceramics & Steatite Corporation, Keasbey, N. J.

—O-P-D—

Aluminum, Magnesium Order P-120 Revoked

OPD Washington Bureau

The War Production Board has announced that order P-120 will be revoked April 1, 1943, to prevent confusion with CMP Regulation 5 which goes into effect on that date. The P-order assigned preference ratings for the acquisition of necessary repair and maintenance materials by producers of aluminum and magnesium. CMP Regulation 5 provides a method for acquisition of maintenance, repair and operating materials by aluminum and magnesium producers, as well as by manufacturers of many other products.

—O-P-D—

Chicago Rubber Group To Meet April 30

The Spring meeting of the Chicago Rubber Group will be held April 30, in the Morrison hotel. Dr. H. A. Winkelmann, of the Dryden Rubber Company, will talk on "A Comparison of the Synthetic Rubbers," after which he will conduct an open forum with the assistance of a board of experts, who will attempt to answer any questions pertaining to synthetic rubber.

—O-P-D—

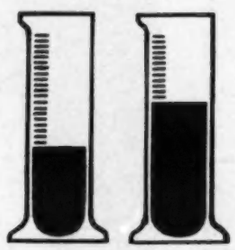
New Wrinkle Moves

New Wrinkle, Inc., Dayton, Ohio, has removed its research and development laboratories to new quarters adjoining its general offices in 314 W. First street, Dayton, Ohio.

POLY-PALE* RESIN

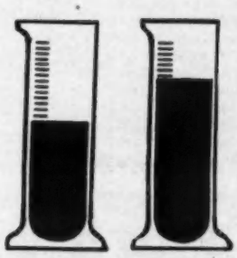
(*Hercules Polymerized Rosin*)

Extends Critical Materials



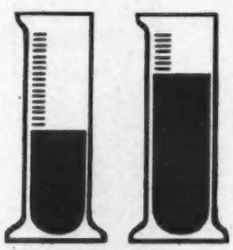
GLYCERIN ECONOMIES OF 10 TO 30%

Less glycerin is needed when Poly-pale replaces natural rosin for ester gums and for maleic or phenolic modified resins of high melting points and viscosities, good color and alcohol tolerance.



MALEIC ANHYDRIDE EXTENDED 12 to 28%

As much as 28 per cent less maleic anhydride is required with Poly-pale than with natural rosins to make modified maleate resins of equivalent melting point.



PHENOLIC RESINS EXTENDED UP TO 25%

Modified phenolic resins of high melting point and good color are produced with a 25 per cent saving in phenol-aldehyde condensates.

PROPERTIES OF POLY-PALE RESIN

Melting Point (drop)	98–103°C.
Acid No.	146–153
Saponification No.	157–160
Color (U. S. Standard)	N-WG
Refractive Index at 20°C.	1.5440
Gasoline Insoluble	0.1% max.
Ash	0.01%
Viscosity—60% in toluene	22 cps.
Density (at 25°C. against water 25°C.)	1.0740

SEND FOR NEW BOOK

Poly-pale Resin has other important advantages over natural rosins for many products. A handy booklet describes these *plus advantages* of this new pale resin. Mail in the coupon for your copy.

NAVAL STORES DEPARTMENT
HERCULES POWDER COMPANY
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936 Market Street, Wilmington, Delaware

Please send me the 2nd edition of "Poly-pale Resin."

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CHEMICALS FOR INDUSTRY

What You Can Use

Guide to Materials That Are Suitable for Various Purposes in Chemical Converting, Compounding, and Processing Industries

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OPD—3-29-1943

Rubber

Vulcanization Accelerators for Rubber

(Covered by United States patents 2,189,720 and 2,211,632)

(Continued from March 15 issue)

S-Carbethoxymethylthiuronium bromide reaction products with (continued)—
- (5) Alphafurfuryldithiocarbamic acid
- (6) Amino-substituted 2-mercaptoarylenethiazoles
- (7) Ammonium salts of dithio acids
- (8) Amylxanthogenic acids
- (9) Aryl-substituted 2-mercaptoarylenethiazoles
- (10) Benzyldithiocarbamic acid
- (11) Betaphenethyldithiocarbamic acid
- (12) N-Butyldithiocarbamic acid
- (13) 6-Chlor-2-mercaptobenzothiazole
- (14) 6-Chlor-2-mercapto-5-nitrothiazole
- (15) Cyclohexyldithiocarbamic acid
- (16) Dicyclohexyldithiocarbamic acid
- (17) Dihexyldithiocarbamic acid
- (18) Di-isopropyldithiocarbamic acid
- (19) Dithioacetic acid
- (20) Dithioacrylic acid
- (21) Dithiobenzoic acid
- (22) Dithiocarbamic acid
- (23) Dithiocrotonic acid
- (24) Dithiofuroic acid
- (25) Dithiolauric acid
- (26) Dithio-oleic acid
- (27) Dithiosalicylic acid
- (28) 6-Ethoxy-2-mercaptothiazole
- (29) Ethyldithiocarbamic acid
- (30) Ethylanthogenic acid
- (31) Halogen-substituted 2-mercaptoarylenehtiazoles
- (32) 6-Hydroxy-2-mercaptobenzothiazole
- (33) Hydroxy-substituted 2-mercaptoarylenethiazoles
- (34) 2-Mercaptoalphanaphthothiazoles
- (35) 2-Mercaptoarylselenazole
- (36) 2-Mercaptoarylthiazole
- (37) 2-Mercaptobenzothiazoles
- (38) 2-Mercaptobetanaphthothiazoles
- (39) 2-Mercapto-6-methoxythiazoles
- (40) 2-Mercapto-4-methylthiazoles nitrobenzothiazoles
- (42) 2-Mercapto-4-phenylthiazoles
- (43) 2-Mercaptothiazoles
- (44) Methylethyldithiocarbamic acid
- (45) Methylphenyldithiocarbamic acid
- (46) Methylxanthogenic acid
- (47) Nitro-substituted 2-mercaptoarylenethiazoles
- (48) Orthoaminodithiobenzoic acid
- (49) Paraethoxycyclohexyldithiocarbamic acid
- (50) Phenyldithioacetic acid
- (51) Phenyldithiocarbamic acids

S-Carbethoxymethylthiuronium bromide reaction products with—
- (52) Potassium salts of dithiocarbamic acids
- (53) 2-Selenylarylselenazole
- (54) 2-Selenylthiazole
- (55) Sodium salts of dithio acids
- (56) Tetrahydroalphafurfurylcyclohexyldithiocarbamic acid
- (57) Xanthogenic acids

(To be continued)

Seeds

Disinfectants and Fungicides for Treating Seeds

Acetoxymercuribenzothiophene
2-Acetoxymercuri-5-hydroxymercurithiophene
Acetoxymercurithionaphthene
Agrosan G
Alkyl mercuriacetate
Alkyl thio derivatives of arsenic acid
Alphachloromercurithiophene
Aminobutyric acid-mercury derivatives
1-Amino-5-hydroxybenzothiazole
1-Amino-3-methylbenzothiazole
2-Amino-4-methylthiazole
1-Amino-1:2-naphthiazole
Cadmium cyanide
Cadmium di-isopropyldithiophosphate
Cadmium xanthate
Calogreen
Calcium bicarbonate
Calcium carbonate
Calcium hydroxide
Chlorophenol-mercury compounds (applied as solution; must dry seeds to prevent premature germination)
2-Chloromercurithiophene
2-Chloromercuri-4:5-dimethylthiophene
2-Chloromercuri-5-ethylthiophene
5-Chloromercuri-2-methylthiophene
Colloidal copper with organic arsenic compounds (applied as solution; must dry seeds to prevent premature germination)
Copper carbonate (dry dust)
Copper salts of dithiophosphoric acid
(Copper sulphate is no longer advised because it has been found damaging to seed)

(To be continued)

Sterilization Reagents for Seeds

Air
Alcohols
Benzoic acid
Boric acid
Carbon dioxide
Carbon monoxide
Formaldehyde
Gas
Hydrocarbons
Hydrogen
Hydrogen peroxide
Nitrogen
Nitrogen protoxide
Oxygen
Sugars

Wetting Agents for Addition to Seed Disinfectants Applied as Solutions

Abietenesulphonic acid
Acacia
Acenaphthalene
Acenaphthalenedisulphonic acid
Acenaphthalenesulphonic acid
Acetyl ricinoleate
Albuminoid substances
Alcohol sulphonates
Aliphatic ester sulphates
Alginates
Alkyl and cycloalkyl esters of aromatic sulphonic acids in aqueous dispersions
Ammonium betatetrahydronaphthalenesulphonate
Ammonium linoleate
Ammonium tannates
Amylamines
Animal oil soap
Animal or vegetable colloidal substances
Anthracenedisulphonic acid
Anthracenesulphonic acid
Bentonite
Butyl acetylricinoleate
Butyl ester of polymerized ricinoleic acid

(To be continued)

Soap

Antioxidants for Soap

Acetalbenzidin
Acetone reaction products with—
- (1) 4-Amino-3-methyldiphenyl thioether
- (2) 4-Amino-4'-methyldiphenyl thioether
- (3) 4-Aminophenylbetanaphthyl thioether
- (4) Amino-substituted diaryl thioether
- (5) Para-aminodiphenyl thioether

Acetoneanilin
Acetyldiphenylamine
Acetylhydroquinine
Acetylparaphenylenediamine
Acetylphenylhydrazin
Acetylpyrocatechol
Acetylpyrogallol
Acetylresorcinol
Aldol
Adolalphanaphthylamine
Allyl alcohol
Alphacrotonic acid
Alphanaphthol
Alphanaphthylamine
Alphanaphthylaminophenylisocrotyl sulphide
Alphanaphthylpiperidin
Alphaphenyldecahydronaphthylamine
Alphapinene reaction products with—
- (1) Amyl secondary amine
- (2) Diphenylamine

3-Allyloxy-5:5'-dimethylacridane
4-Allyloxydiphenylhydrazin, unsymetrical
4-Allyloxydiphenylnitrosamine
2-(Allyloxyphenylamino)naphthalene
Aminobenzylanilin
Anilin
Anilin reaction products with—
- (1) Limonene
- (2) Turpentine

Anilinophenyl alphabetabutenylsulphide
Antimony compounds of the type paraethoxyphenylstibin oxide
Antoxyl
Arsenic compounds of the type paraethoxyphenylarsin oxide or 2:4-dimethylphenylarsin oxide
Aryldecahydronaphthylamines, secondary
Arylphenyldecahydronaphthylamine, secondary

(To be continued)

HEYDEN

DEPENDABLE CHEMICALS

FORMIC ACID

SODIUM FORMATE

•

HEXAMETHYLENETETRAMINE

•

FORMALDEHYDE

U. S. P. Solution

37% by weight • 40% by volume

•

PARAFORMALDEHYDE

•

PENTAERYTHRITOL

FINE HEYDEN CHEMICALS

HELP US SPEED UP SERVICE

Please cooperate by speeding return of our used containers Tank Cars, Drums and Carboys

•

HEYDEN

Chemical Corporation

NEW YORK—50 UNION SQUARE

CHICAGO BRANCH—180 N. WACKER DRIVE

Dyestuffs, Textile, and Leather Chemicals

Continuance of Zinc Dust Allocations and Expectation of a Very Tight Quebracho Supply Topics of Discussion in Dyestuffs, Leather Chemicals Market—Chestnut Extract Ceiling Set

Continuance of zinc dust allocations after March 31 under general preference order M-11-1, the life of which has been extended until revoked through an amendment issued by the War Production Board, and expectation of a very tight April market for quebracho in view of currently short freight space allotments from South America, were topics discussed by factors in the market for dyestuffs, textile, and leather chemicals last week. Conditions in general were approximately unaltered. Effective April 1, an OPA price ceiling becomes effective on chestnut extract.

The wool top market was up fractionally last week, reflecting the season-end depletion in stocks. Sales were relatively heavy, aggregating as much as 200,000 pounds daily. Grease wool futures prices moved up, with daily sales reaching 48,000 pounds. WPB announces that authorizations to import pickled sheep and lamb skins under general imports order M-63 will be granted on a basis which will assure equitable distribution of consignments of imported skins among importing dealers.

Cotton markets were stronger over the week. No general revision downward of cotton textile prices is contemplated by the Office of Price Administration, according to that agency. Profitable operation of the industry is considered essential if the maximum production of textiles needed for military and essential civilian purposes is to be obtained. The Census Bureau announces that, according to preliminary figures, 23,559,374 cotton spinning spindles were in place in this country on February 28 of which 22,859,160 were operated at some time during the month, compared with 22,889,954 for January and 23,087,626 for February, 1942.

Chemicals

Chrome Acetate.—Normal consumers taking shipments in satisfactory volume. Price schedules show no change.

Potash Bichromate.—Supplies continue satisfactory for legitimate uses. Quotations steady.

Potash Prussiate.—New developments lacking in market. Prices rule unchanged.

Soda Bichromate.—Supplies continue adequate for legitimate users. Prices unchanged.

Sulfamic Acid.—WPB allocations rule with no changes as regards quotations.

Zinc Dust.—Continuance of zinc dust allocations after March 31 under provisions of general preference order M-11-1 has been authorized by WPB with the issuance of an amendment extending the life of the order. Entire supply of zinc dust was placed under allocation and use control January 1, 1943, effective for the period ending March 31. With expiration date eliminated, amended order will continue in effect until revoked. Zinc dust quotations unchanged.

Dyestuffs

Annatto.—Supplies tight. Material may be used for food coloring only. Prices steady. FDA announces purchase of 765,000 pounds of colored oleomargarin on March 15 at 16.75c. per pound. Estimated deliveries of oleomargarin for United Nations shipment in January amounted to 682,780 pounds.

Cochineal.—Demand was fair. No change in quotations.

Fustic.—Fair call from consuming channels. No movements pricewise.

Hematine.—Interest fair to good. No change in quotations.

Hypernic.—Market remains steady. No new developments.

Logwood.—No new features. Prices same.

Turmeric.—Seasonally light demand. Price schedules unaltered.

Sizing Materials

Albumen, Blood.—Supplies satisfactory. No change in prices.

Albumen, Egg.—Market continues nominal. FDA announces purchase on March 18 of 1,913,590 pounds of dried whole eggs at prices ranging from $1.111c. to $1.289c. per pound. Estimated deliveries for United Nations shipment in January amounted to 19,882,240 pounds. Food distribution order 40, which provides that all shell eggs in cold storage on May 1 shall be set aside for government agencies, has been signed by the Secretary of Agriculture. The order is one of two immediate steps being taken by the Department of Agriculture to make sure of a proper distribution of eggs and egg products between military, civilian, and lend-lease requirements. Food distribution order 41, reserving spray dried whole eggs for delivery to governmental agencies and limiting the production of frozen or liquid eggs, dried yolks, dried albumen, and dried whole eggs is another step in this direction. Both orders became effective March 25 and will be administered by FDA. Commercial egg breaking and egg drying plants produced 20,701,000 pounds of dried egg in February compared with 14,566,000 pounds in February a year ago. Practically all of the dried egg produced in February was in the whole form, only 25,000 pounds of albumen and 34,000 pounds of yolk having been produced. Production of whole eggs was confined to contracts of the Department of Agriculture and needs of the armed forces.

Dried Blood, Soluble.—Supplies continue at satisfactory level with no change in quotations.

Dextrin, Corn.—Supplies tight. Prices same. See corn, starch.

Egg Yolk.—Market nominal. See egg albumen.

Starch, Corn.—Domestic demand continues good. Lend-lease shipments heavy. Estimated deliveries of corn starch for United Nations shipment in January amounted to 11,576,320 pounds. The Department of Agriculture reports an indicated corn acreage of 96,827,000 this year, as compared with 91,011,000 in 1942. FDA announces purchases of 25,899,000 pounds of corn starch on March 11 at prices ranging from 2.7c. to 2.905c. per pound. Commodity Credit Corporation through March 13 had completed 44,183 loans on 52,029,809 bushels of 1942 corn in the amount of $40,225,307.64. The average amount advanced was 77c. per bushel. On the same date last year 91,609 loans had been completed on 95,083,922 bushels. Contracts previously made under the original emergency corn order at prices higher than those permitted in the new permanent regulation may be fulfilled if these contracts did not violate ceilings in the temporary order, OPA has ruled. Amendment No. 1 to MPR 346, effective March 20, permits performance of such contracts if made within the previous legal limits. Commodity Credit Corporation may sell its corn holdings at prices above the ceilings if the corn sold is to be used for purposes other than feeding or for the manufacture of ethyl or butyl alcohol, OPA announces. This action, taken in Amendment No. 2 to MPR 346, effective March 24, should temporarily relieve the tight supply situation for important dry corn milling and wet corn processing industries, both producing many essential war materials, and for Lend-Lease Administration, as CCC has a limited corn supply on hand from its loan stocks.

Price Changes

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
260.6	260.6	260.6	260.2

Market news that may have developed after this report was sent to press will be found on page 4.

Tanning Materials

Chestnut Extract.—OPA has set maximum base prices of $2.25 per 100 pounds for liquid chestnut extract of 25 percent tannin content and of $6.50 per 100 pounds for powdered of 65% tannin content. Ceilings become effective April 1.

Divi-Divi.—Position tight with material under WPB allocation control. Prices same.

Myrobalans.—Supply situation tight. WPB allocations rule.

Quebracho Extract.—Freight space short. Market expected to be very tight in April. Material under control of M-277. Quotations very firm.

—O-P-D—

Textile Technologists to Meet

The American Association of Textile Technologists will meet at the Downtown Athletic Club, April 7. William C. Winkler, of the Queen City Textile Corporation, will speak on warp knitting.

Chestnut Extract Ceiled by OPA

—Continued from page 4

vided. The base ceilings for producers will cover more than 80 percent of the total production of chestnut extract.

An exception is made for one small high cost producer who will be permitted to charge $2.50 instead of $2.25 for liquid extract of 25 percent tannin content. The firm granted the higher ceiling in the Charles A. Schieren Company of New York. Since this firm sells only a small amount of the extract on the open market its higher ceilings will not cause any pressure on the general maximums governing the bulk of production and will allow it to continue production.

—O-P-D—

Chemical Salesmen Sponsor Boxing Bouts April 8

The Salesmen's Association of the American Chemical Industry will present its "Parade of Champions," heralded as "the boxing show of the year," at the Downtown Athletic Club, April 8. There will be forty rounds of boxing in eight bouts of five rounds each, the contestants being amateur champions of the metropolitan area punching against Chicago champs with the Boston national championships and a trophy donated by the association as their incentives to provide an interesting evening. Dinner is scheduled for 6:30, the fights, 8:30. A buffet supper will follow. Tickets are $4 per person; reservations in charge of F. J. Reid, N. Y. Quinine & Chemical Works, Brooklyn.

—O-P-D—

Helium Shipment Made From U. S. Plant

OPD Washington Bureau

The Bureau of Mines shipped the first carload of helium from its new and largest helium plant "somewhere in Texas" March 21 and announced simultaneously that work is being rushed on four other similar plants to bring the production rate of the lightweight, noninflammable gas for 1943 to about forty times that of prewar days.

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Association Meetings:—

American Association of Textile Chemists and Colorists, General Business Meeting, April 16, in New York.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 9

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Oils, Fats, and Waxes

Further Tightening of Government Control Over Vegetable Oils —Flaxseed Prices Irregular—Linseed Oil Ceiling Awaited —Many Products Still Scarce—General Market Firm

Business in miscellaneous vegetable, animal and fish oils, fats and greases continued quiet last week. There was no lack of inquiries, but open market supplies remained at a low level. Moreover, government control over many products was further tightened under the provisions of new orders and regulations issued from Washington. These became effective last week or will do so in the near future. In such circumstances the prevailing tone continued firm.

Flaxseed prices showed irregularity in domestic markets but sentiment in trade circles was still bullish despite indications of a greatly increased acreage during the coming season. Business in linseed oil remained slow, buyers being disposed to hold off for action at Washington in connection with the expected ceiling.

In order to further tighten government control over the limited supplies of various edible and technical vegetable oils, authority over the delivery, acceptance and use of these products was transferred from the WPB to the FDA. Details will be found on page 7 of this issue.

Price Changes

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
194.1	**194.1**	**193.0**	**194.6**

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Castor, Dehydrated.—Output moving to local and other consumers on uncompleted contracts.

Cottonseed.—Many inquiries for edible oil noted, but business curtailed by lack of open market supplies.

Mustard Seed.—Good inquiry. Now under complete government control. Direct authorization required for delivery, processing and use.

Olive.—Little edible oil available on spot here. Many inquiries noted. Quotations nominal.

Peanut.—Firm in all markets. Prospective 1943 peanut acreage, 5,230,000, increase of 12 percent over previous planting.

Soybean.—Local oil production still curtailed and offerings light. Market firm. Prospective 1943 soybean acreage, 15,603,000, increase of 9.7 percent over previous season.

Tung.—In limited supply and firm. Domestic production this season may be 8,000,000 pounds.

Markets at Other Centers

Chicago, March 26.—Vegetable oils are quiet. Corn oil, crude, mills, 12¾c. per pound; refined, edible, 15¼c. to 15½c. per pound, drums, car lots. Soybean oil, crude, 11¾c. per pound.

Flaxseed

Minneapolis, March 26.—Three-dollar ceiling talk, or considerably under what farmers are getting now for flaxseed, caused country and other selling. Fields in Southern areas under water; in North covered by snow. Unless favorable weather soon the season will be a full month late. Seed houses selling freely; reserve stocks very light. Receipts increased. Cash premiums strong.

The week's closing flaxseed price range was as follows:—

	Cash	May	July
Saturday	$3.16½	$2.99½	$2.99½
Monday	3.13	2.96	2.96¾
Tuesday	3.16	2.98	2.97¼
Wednesday	3.17¼	2.98¼	2.97¼
Thursday	3.19½	2.99½	2.98½
Friday	3.19	2.99	2.97¼

Crop movement in bushels follows:—

	Receipts		Shipments	
	1943	1942	1943	1942
This week	288,000	184,000	52,500	34,000
Since Sept 1.	15,500,900	8,257,400	1,875,800	532,200

Buenos Aires, March 26.—Flaxseed, $1.51 per bushel. Exports this week, 150,000 bushels to the United Kingdom. Visible supply, 42,520,000 bushels.

Linseed Meal.—Local market nominal in absence of offerings.

Minneapolis, March 26.—Linseed meal trade awaiting government ceiling. Output moving on contracts. No quotations.

Shipments of meal in pounds were as follows:—

	1943	1942
This week	8,700,000	6,090,000
Since Sept. 1	278,780,000	238,172,000

Linseed Oil

The market here for linseed oil remained quiet. With painting on the increase in various parts of the country the movement of oil to consumers and dealers on unfilled contracts showed some increase, but new business was of the same small-lot variety noted in recent preceding weeks, many buyers still being disposed to hold off for action at Washington in connection with the expected ceiling price. In an official report it was stated that if the yield per acre of flaxseed during the coming season is the same as in the five-year period from 1937 to 1941 the crop will be about 48,400,000 bushels.

Minneapolis, March 26.—Sales of linseed oil to government contracts; very little other business. Shipping instructions fair. Mills running full speed. Tankcars, 14.8c. per pound; cooperage, cars, 15.7c.; warehouse lots, 16.1c.

Shipments of oil in pounds were as follows:—

	1943	1942
This week	8,280,000	5,000,000
Since Sept. 1	136,200,000	117,164,000

Chicago, March 26.—Linseed oil quiet. Tankcar, 14.6c. per pound; drums, car lots, 15.5c.; drums, less car lots, 15.9c.

Cottonseed Oil

The market here for refined cottonseed oil futures remained at a standstill. The open interest on March 25 was only six contracts. Quiet conditions continued to prevail in the South, though this was due to a lack of offerings rather than to an absence of buying interest, many bids being reported. There was a good inquiry for cash refined oil locally, but bids failed to bring out offerings. Marketing of live hogs in the West was still below expectations. The quantity of cotton ginned for the season, according to the final Census Bureau report, was 12,437,883 bales against 10,494,881 bales in the previous season.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from March 22 to March 26, inclusive, comprised nil contracts. Following is a price record for the week:—

	Cents per pound in tanks		
	High.	Low.	Close.
May	....	....	13.95@14.45
July	....	....	13.95 bid

Cash oil, 13.95c. bid.

Crude, Southeast, 12¾c.

Cake and Meal.—Light offerings and

Trade Briefs

Waste fats salvaged by housewives in January amounted to 5,986,023 pounds.

Dr. Henry Borsook, professor of biochemistry at the California Institute of Technology, has been appointed chairman of the committee on food allocation of the National Research Council.

Rosin and turpentine factory in Kashmir, India, which started operations two years ago, produced 3,500 tons of crude rosin in 1942. This was 40 percent more than the output originally estimated.

Current prices on animal, vegetable, and fish oils (under Oil), fats and greases (under Grease) are given in the alphabetical list of prices beginning on page 9

a firm tone continued to feature Southern markets.

Markets at Other Centers

Atlanta, March 24.—Many Southeastern oil mills closed for season; seed supplies exhausted. Unfavorable weather delaying land preparation.

Memphis, March 25.—Ceiling prices bid for vegetable oils and meals. Situation very tight. No relief in sight. Crop preparations two weeks late. Closing cottonseed meal quotations on Memphis exchange were as follows:—

	March 18	March 25
May	$39.00@—	$39.00@—
July	39.00@—	39.00@—

Fatty Acids

An increase was noted in some quarters in the volume of inquiries from local and other consumers, much of the purchasing being of a conservative character. With many raw materials in abnormally light supply, the tone of the market in general remained firm.

Chicago, March 26.—Fatty acids active. Corn oil, double distilled, 14c. to 14½c. per pound, tankcar; coconut oil, distilled, 17½c. to 18c. per pound, tankcar; cottonseed oil, double distilled, 14c. to 14½c. per pound, tankcar; settled cottonseed soap stock, 60-62 percent, 3⅞c. to 4c. per pound.

Fish Oils

Cod.—Primary situation unchanged. Fair local inquiry. Quotations stationary.

Sardine.—Refined oil in light supply. Inquiries noted. Tone firm.

Markets at Other Centers

Baltimore, March 24.—Menhaden oil at standstill. Interest mainly in new herring season opening about April 1; expected production to be smaller than last season.

Fats and Greases

Grease.—Supplies still inadequate for demand, bulk of production apparently being applied on old contracts.

Tallow.—Tone remained firm in absence of any increase in supplies on spot. Many inquiries. Ceiling prices prevailed.

Chicago, March 26.—Fats and greases more active. Choice white grease, 8⅞c. per pound; stearin, 10.61c.; inedible tallow, prime, 8⅝c.

Animal Oils

Degras. — Steady inquiry, common and neutral. Stocks generally reported small. Tone firm.

Lard. — Production below normal owing to inadequate supplies of basic product. Inquiry good.

Waxes

Some fair-sized arrivals of carnauba wax were noted last week but it is doubtful that the unsold warehouse stocks of the importers will be swollen by as much as a single bag. From market opinion going the rounds last week, it appeared that dotting the country from coast to coast are manufacturing consumers who bought this wax weeks on weeks ago and who are so hungry for deliveries as to absorb the wax as promptly as it leaves the ship's hold. Also, there were some arrivals of beeswax last week but the quantity paled into significance when compared with existing needs and the inability of importers to provide for the same. Stocks of all waxes were on the low side and there is nothing in sight at this time through which relief from shortage might be achieved.

—O-P-D—

Cottonseed Crushings Up

Cottonseed received at mills, crushed and held, and cottonseed products manufactured, shipped out and held from August 1, 1942, to February 28, 1943, and 1942, according to the Census Bureau, were as follows:—

Cottonseed

	Tons 1943	Tons 1942
Receipts	4,334,893	3,804,856
Crushed	3,652,728	3,173,391
On hand Feb. 28	759,428	761,994

Crude Oil

	Pounds 1943	Pounds 1942
Produced	1,129,816,000	982,052,000
Shipped	1,000,994,000	946,030,000
On hand Feb. 28	140,635,000	170,358,000

Refined Oil

	Pounds 1943	Pounds 1942
Produced	936,338,000	768,726,000
Shipped		
On hand Feb. 28	318,380,000	347,444,000

Cake and Meal

	Tons 1943	Tons 1942
Produced	1,616,320	1,383,780
Shipped	1,747,620	1,177,636
On hand Feb. 28	58,800	370,288

Hulls

	Tons 1943	Tons 1942
Produced	881,113	789,704
Shipped	890,381	734,838
On hand Feb. 28	34,850	206,305

Linters

	Bales 1943	Bales 1942
Produced	1,099,574	880,750
Shipped	846,655	865,336
On hand Feb. 28	296,214	148,569

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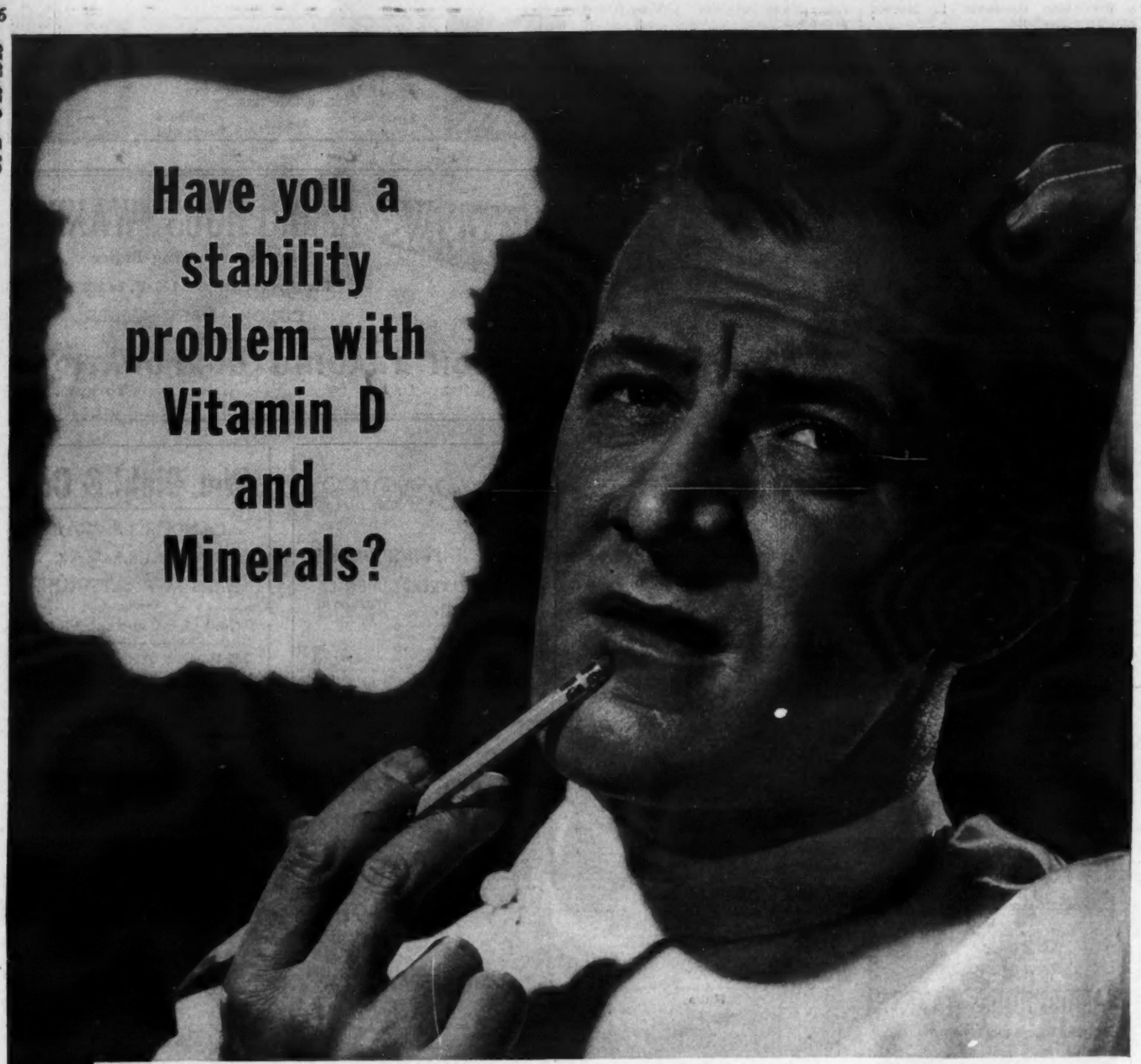

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Drugs and Fine Chemicals

War Production Board Clamps Down Hard on Unessential Consumption of Glycerin and Castor Oil—Army and Navy Get Large Allocation of Quinine

The Federal government, acting through its War Production Board, the Office of Price Administration, and the President of the United States, supplied buyers of drugs and fine chemicals with the element of interest that prices and price movements failed to provide.

During the week, the President signed an order whereby large quantities of quinine were to be handed over to the army and navy. Naturally, the army got by far the larger share of the allotment which removes from civilian use a huge quantity of material. Only totaquine remains for the civilian with malaria miseries.

WPB clamped down hard and much tighter control of the stocks of both glycerin and castor oil with the avowed purpose of reducing sharply the supply of glycerin that otherwise might find lodgement in unessential civilian goods—"unessential" meaning goods not needed to further the war program of the United Nations. In glycerin, the crack down on consumption added dentifrices, lotions, shaving cream and tobacco to the already long list of uses for which no allocation will be made. Also, the WPB glycerin order M-193 was re-issued as Food Administration Order No. 33.

The OPA provided market interest, especially to alcohol, acetone and synthetic rubber makers, by authorizing the Commodity Credit Corporation to sell its holdings of corn at prices higher than the ceiling if the corn so sold was to be used for purposes other than feeding or the making of alcohol or butyl alcohol, acetone, or synthetic rubber. Also, the OPA told packers that they might continue to pay more than ceiling prices for molasses and syrups of special quality and flavor if they also continue not to add the premiums paid to the prices for their packaged goods.

Price Changes

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
241.5	241.5	240.1	239.4

Market news that may have developed after this report was sent to press will be found on page 4.

Acid, Boric.—The supply appeared fully adequate for the current need of buyers. And a satisfactory reserve protects producers against any substantial rise in the requirements of consumers.

Acid, Citric.—Deliveries this month are on the basis of 50 percent of the quantities delivered regular buyers during March, 1941. The demand runs very strong and is likely to be augmented by the larger production of water ices and sherberts next summer as the only possible answer to the severe curtailment of ice cream manufacture.

Acid Gallic.—It is the belief of government that the recent easing of its restrictions on tanning materials will not result in any material increase in consumption of gallic acid.

Acid, Pyrogallic.—Easier restrictions not expected to increase consumption of this article.

Acid Tannic. — Consumption expected to remain at about its present volume notwithstanding the easing of restrictions imposed by WPB.

Alcohol. — The reported critical shortage of corn for alcohol making has been laid before the Director of Economic Stabilization for study, according to information given to the alcohol industry committee by WPB. Stocks held by the Commodity Credit Corporation are available but are not expected to last very long. During the week, the Office of Price Administration had something to say about this CCC corn. It gave to the CCC the power to sell its holdings at prices above the ceilings if the corn sold was to be used for purposes other than feeding or for manufacture of ethyl or butyl alcohol, acetone, or rubber. OPA said this action, which was amendment No. 2 to the Maximum Price Regulation No. 346 should temporarily relieve the tight supply situation for important dry corn milling and the wet corn processing industries.

Ammonia Benzoate. — Scarce and getting scarcer if that be possible. Supply is far under the normal needs of industry.

Amyl Acetate.—Excellent demand and not too satisfactory supply continued to agitate this item and to make for a basic position of true strength.

Atropine Sulphate. — The lower price which was set at $8.25 per ounce in the previous trading period remained free from further change last week. The position of some producers is reported to be very good and reasonable competition can be met.

Borax.—Stocks were reported to be plentiful. Consumption by certain industries—makers of enamel, for example—has been curtailed by the WPB and this has caused a considerable rise in reserve stocks at the mines where operation is considered below capacity at the present time.

Caffeine.—Business continued to be done without the benefit of dollars and cents price ceiling which should be made public very soon.

Calcium Gluconate.—Somewhat improved demand was noted and leading makers reported the market to be definitely on the firm side in the absence of substantial competition.

Calcium Glycerophosphate. — Seasonal business reveals the absence of stocks much beyond the current requirements of the majority of buyers.

Castor Oil.—The War Production Board tightens its already tight control of this article. Details appear on page 7, this issue.

Chicago, March 24.—Expanded requirements are in evidence in castor oil. Generally firm to strong conditions noted. Prices are:—Cold pressed, U.S.P., re-

Trade Briefs

Herschell L. Hagan, vice-president in charge of buying for the Owl Drug Company, has been elected a vice-president of the Liggett Drug Company.

Thiokol Corporation, Trenton, N. J., has filed a registration statement with the Securities and Exchange Commission for 102,000 shares of common stock, par value $1 per share.

Thomas Leeming & Co., distributor of 'Baume Bengue' and other medicinal proprietaries, has moved its offices to 155 East Forty-fourth street, this city.

Dr. and Mrs. E. L. Newcomb, Montclair, N. J., have announced the marriage of their daughter, Lois Mae and Lt. William Bowen Church, jr., air force, U. S. A., February 13 in the base chapel, Geiger Field, Spokane, Wash. The bride's father is the executive vice-president of the National Wholesale Druggists Association.

Association Meetings:—

American Institute of Chemical Engineers, Waldorf-Astoria, May 10 and 11.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 9

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turnable drums, car lots, 14½c. per pound; drums, less than car lots, 15½c.; tanks, 12¾c.; No. 3, extracted, returnable drums, car lots, 14¼c. per pound; drums, less than car lots, 15c.; tanks, 13½c.

Fish Liver Oils.—Purchases of vitamin A oils from April, 1939, through January, 1943, totaled 836,136 pounds, according to the latest report on operations of the Food Distribution Administration. Those of codliver oil totaled 4,807 pounds; halibut liver oil, 672 pounds. Prices steadier at levels far below official ceiling.

Glycerin. — The War Production Board adds a new list of materials to that which already is denied the use of any glycerin whatsoever. Details appear on page 7, this issue. The demand for strictly war purposes towers constantly higher and since it is not easy to increase the productive capacity of existing plants, more glycerin must be obtained through the device of reducing and eliminating its use for purposes not essential to the war program.

Chicago, March 24.—Glycerin market continues firm. Buying is along lines previously noted, with firm control prevailing. Prices for both chemically pure and high gravity are:—Tankcar, 18c. per pound; drums, car lots, 18¼c.; less car lots, 18¾c.

Molasses.—Packers of molasses and syrups who have been paying premiums to obtain material of special flavor or quality have OPA's permission so to continue if they avoid adding said higher costs to the price of their own merchandise.

Milk Powder.—Purchases of spray process skimmed milk powder made by the Food Distribution Administration from March 12 to 18 totaled 4,161,066¼ pounds according to the latest compilation of the Department of Agriculture. On March 15, 32,000 pounds of whole milk powder were bought by the same body.

Milk Sugar.—Demand excellent and supply far from satisfactory in size. Prices remain stabilized. It is proving difficult to increase production at this time.

Potash Citrate.—Deliveries at this time are but fifty percent of the quantities received by regular customers in the month of March, 1941. And at this writing, signs of an increase in available stocks are definitely lacking.

Quinine.—On March 19, the President signed an order authorizing the delivery of 3,634,782 ounces of quinine to the army, and 1,283,600 ounces to the navy. That is the reason why civilians will have to get along with totaquine for the duration; the army and navy are going to require all the quinine that can be made.

Quicksilver.—Every flask made at the present time has an owner waiting for a delivery. There is nothing like a reasonable reserve in the hands of the producers. Production should begin to increase soon.

Riboflavin.—Since April, 1939, the government agencies have bought but three pounds of this vitamin, according to the latest statement of the Food Distribution Administration. The three pounds were bought last January.

Santonin.—Interest in the article is growing and consumption should rise this year since the production of animals is bound to increase during the months ahead.

—O-P-D—

Worcester Salt Sold To Morton Salt Co.

Sale of Worcester Salt Company, Silver Springs, N. Y., to Morton Salt Company, Chicago, has been announced. Purchase price was $2,400,000 cash. The company was established more than fifty years ago and has been in continuous operation.

The Morton company will continue to operate the Silver Springs refinery under present conditions.

—O-P-D—

Schering Starts Campaign For Ampoule Files

To be certain that there are sufficient files for the future needs of the medical profession, the Schering Corporation is requesting physicians to send in their excess supply of ampoule files to pharmacists and dealers in a special envelope being provided currently by the pharmaceutical manufacturer. Pharmacists should send all the files they receive to Steel Ampule Files Salvage Campaign, Schering Corporation, Bloomfield, N. J., using the special labels that Schering is distributing for this purpose.

Charles Huisking Has Four Sons in Armed Forces

Edward P. Huisking has been commissioned a second lieutenant in the U. S. Marine Corps. Reserve. He is the fourth son of Mr. and Mrs. Charles L. Huisking to join the armed forces. He was connected with the Aircraft Screw Products Company, of which corporation he was treasurer and which position he resigned to join the forces. William W. is a staff sergeant in the Army, Frank R. is in the Army Air Corps and is in training for pilot service, and Richard V. has just been commissioned lieutenant, j.g., in the Navy. Their father is head of Charles Huisking & Co., this city.

—O-P-D—

Wilder Joins Food Advisory Committee

Secretary of Agriculture Wickard has appointed to the Food Advisory Committee Dr. Russell M. Wilder, chief of the Civilian Requirement Branch of the Food Distribution Administration and formerly chairman of the Food and Nutrition Board of the National Research Council. Dr. Wilder joined the staff of the Food Distribution Administration in January, 1943, on leave of absence from the Mayo Clinic.

—O-P-D—

Glycerin Content Cut In N.F. Preparations

—Continued from page 3

It was noted that the formulas for Syrup of Ammonium Hypophosphite, Syrup of Calcium Lactophosphate, Syrup of Hypophosphites, and Compound Syrup of Hypophosphites are essentially those of N. F. VI, and involve the use of additional sucrose. Since further restrictions on sucrose are not expected in the immediate future, the action taken by the Committee on National Formulary in respect to these preparations seemed most expedient, even though not ideal, Dr. Powers said.

It was emphasized that all changes in part I of this supplement are permissive and not obligatory. Law enforcement officials have indicated that under wartime conditions, there is no objection from an administrative standpoint to authorized alternative formulations of this type.

Heads the Drug Club

Francis J. McDonough is currently president of the Drug and Chemical Club, New York, having recently been elected to succeed W. J. Reynolds. Mr. McDonough is president of the New York Quinine & Chemical Works.

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The EDWAL Laboratories, Inc.
732 FEDERAL STREET CHICAGO, ILLINOIS

Glycerin Replacements

—Continued from page 3

Dextrose, saturated solution—As a stabilizing vehicle component of liquid medicines.

Glucarine B—In various applications.

Glyceraid—As a humectant in technical processes.

Glyceryl monoricinoleate—In stamp pad inks.

Glycopons—As a humectant in technical processes.

Honey—As a stabilizing vehicle component of liquid medicines; in cosmetic lotions and tobacco products.

Invert sugar—In foods, medicines, cosmetics, and tobacco products.

Mannitol—In synthetic resins.

Methylcellulose—In toothpastes and cosmetic and drug preparations.

Methyl-sodium-potassium phosphate—As a humectant in vat textile-printing pastes.

Monoglycollin—In various technical applications.

Nopo 2135-B—In adhesive compositions.

Nulomoline—In foods, medicines, cosmetics, and tobacco products.

Pentaerythritol—In ester gums, alkyd resins, and drying oils (United States patents 1,820,625 and 2,066,759).

1:5-Pentamethyleneglycol — In cosmetics.

Pentek—In alkyd resins and drying oils.

Polyethyleneglycols 200, 300, and 400—In general moistening and lubricating applications.

Propyleneglycol—In toothpastes and other cosmetics, drug preparations, and tobacco products.

Sodium lactate—In textile processing.

Sorbitol—As a softener in glues, mucilages, printer's rollers.

d-Sorbitol—In food and drug preparations, plasticizers, and plastics.

Unicol—As a humectant.

Yumidol—As a humectant, softener, or solvent.

—O-P-D—

Glycerin Civilian Allotments Curtailed

—Continued from page 3

In the case of other products, the April allocations will not show very many changes, it was indicated. Pharmaceuticals will probably again receive the same amount of glycerin as in March—60 percent of the base period consumption.

Donald M. Nelson, chairman of the War Production Board, indicated that the reason for further cuts being made in the glycerin allocations is the lagging collections of waste kitchen fats under the salvage program. He said that 90 percent of all glycerin is now going into munitions and added that the waste fats collection program must be kept going with renewed vigor. Recent figures show, he stated, that only three out of ten women have actually been turning in waste household fats.

Latest figures on collections of kitchen fats showed that January collections increased nearly 900,000 pounds over those of December and were running at 35.9 percent of the national quota. The monthly quota for the year is 16,667,000 pounds. January collections amounted to 5,066,023 pounds.

Paul C. Cabot, director of the Salvage Division, said that while the January total collections were an improvement over those of December "it is still short of the amount we need each month to help meet the deficit between production of glycerin and consumption."

Mr. Cabot said that the total collections of the past six months were 27,453,250 pounds, as follows:—August, 3,016,338 pounds; September, 3,812,728 pounds; October, 4,821,160 pounds; November, 4,718,155 pounds; December, 5,098,746 pounds, and January, 5,986,023 pounds.

The pressing demand for making soap and glycerin more available for essential war purposes was discussed at the recent meeting of the Soap and Glycerin Advisory Committee of the Food Distribution Administration. It was the belief of the industry representatives that the soap necessary for use in the government's synthetic rubber program will be available in the quantities requested by the Rubber Reserve Corporation, without the addition of new production facilities.

The importance of soap in the synthetic rubber program was emphasized and it was pointed out that if soap supplied to the Rubber Reserve Corporation does not meet the very exacting specifications the production time sometimes is doubled.

Plans for supplying Puerto Rico with soap were discussed. Industry and government officials are hopeful that methods of procuring soap, methods satisfactory to all interests, can be developed to meet the insular possession's needs for this commodity.

—O-P-D—

Hynson, Westcott & Dunning Gets Army-Navy 'E'

Baltimore, March 25, 1943

Hynson, Westcott & Dunning, Inc., pharmaceutical manufacturer, has been awarded the army-navy "E" for efficiency in the production of sulfanilamide packages carried by the soldiers and sailors of the United States in all of their fields of operation. The presentation ceremonies will take place on April 12, with Dr. Isaiah Bowman, president of Johns Hopkins University, as the director of the event.

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CINCHOPHEN SODIUM
DEXTROSE
ETHYL GLYCOCOLL HYDRO-CHLORIDE
8—HYDROXYQUINOLIN
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NEO CINCHOPHEN
OXYQUINOLIN BENZOATE
OXYQUINOLIN SULPHATE
POTASSIUM OXYQUINOLIN SULPHATE
PHENOBARBITAL
PHENOBARBITAL CALCIUM
PHENOBARBITAL SODIUM
SODIUM DIPHENYL HYDANTOINATE
TETRA-IODO-PHENOLPHTHALEIN SODIUM
THEOPHYLLINE
BROMSTYROL
CINNAMIC ACID
DIACETYL
METHYL CINNAMATE
METHYL PHENYL ACETATE
PHENYL ACETIC ACID
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BENZYL ALCOHOL
BENZYL CHLORIDE
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OPD—3-29-1943

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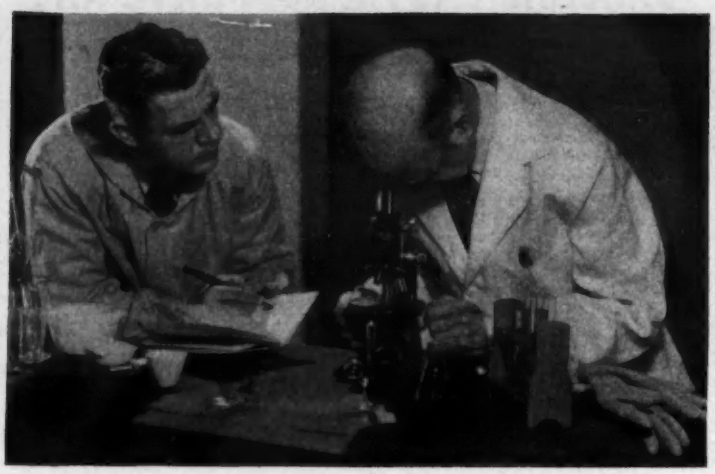

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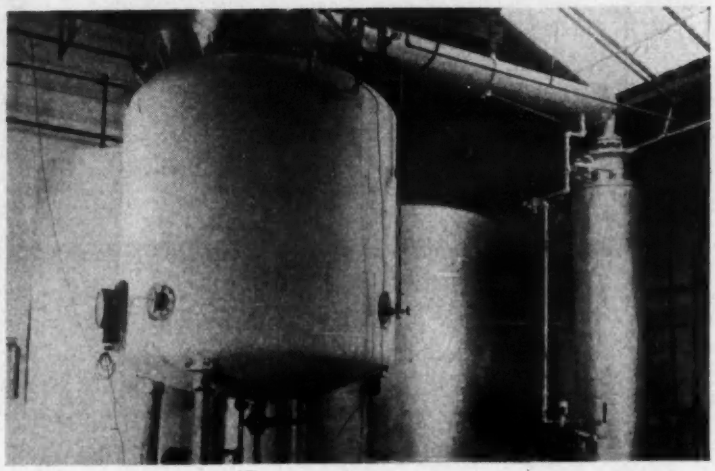

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THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Botanical Drugs, Spices and Gums

Belladonna, Digitalis and Henbane Sell at Declines—Senega Root Sharply Higher—Gum Arabic Advances—Borage and Poppy Flowers Rise — Condimentals Up

Prices on purely medicinal crude drugs continued to back up but condimental and gum items drove ahead strongly toward higher price levels. Fundamentally, the market as related to price changes was in a position almost identical with that held a week ago.

The downward revisions in drug items took place in materials of substantial importance to manufacturing as well as other consumers. They included more favorable purchase levels on belladonna, digitalis, and henbane leaves. Also on balm of gilead buds. These revisions affect production costs on drugs and fine chemicals of special importance at this time and were part of a general program laid down and followed for many months. Exceptions to this downward movement came in the instances of borage and red poppy flowers, and senega root—all of which closed the week higher under a growing pinch for supplies. Also, the expected gum arabic advance materialized.

Reports that percolated from the domestic primary collection markets continued to emphasize the growing crisis in the supply of labor to gather needed crops during the season that spreads ahead until late Fall. The cold and unemotional fact is that factories and the armed forces have syphoned off into the war program many who formerly made a living out of crude drug collection. Even in normal times it was never easy to persuade labor in the hills to collect drugs if money was easy with said labor. Those who remain in the collection areas probably have more money today than ever before. It is not going to be easy to get in the 1943 crop of domestic crude drugs.

Balsams

Copaiba. — Demand hand to mouth but very steady for such small quantities. Prices definitely very steady.

Fir. — Movement in good volume and few sellers hold more than moderate stocks of the material. This applies equally to Canadian and Oregon balsam.

Barks

Butternut.—Not overly much is to be carried over and it is doubted that normal restocking will be possible this year.

Cascara Sagrada. — Some manufacturing consumers reported investigating conditions in primary market this early in the year. Reports from source suggest severe shortage of labor for peel more than reasonably certain.

Cinchona. — Many are the efforts being made to stimulate production of bark in the Americas. Planting project for Ecuador backed by this government which even supplies plants grown from Philippine seeds. Not a great deal is known by the layman of the success or lack of it that attached to the Philippine Island cinchona plantations.

Soap.—More cordial relations between Chile and U. S., may result in the way opening for a larger export of soap bark of all kinds from there to here. Present spot prices declared to be very steady.

Beans

Tonka. — Most needs are supplied but only on a scale proportionate to the amount of material capable of being sailed to the spot notwithstanding shortage of shipping. Values very firm in all quarters.

Vanilla. — Report of an arrival totaling 130 cases noted. Came to representatives of the foreign shippers and likely to be distributed only after quality has been passed upon. In view of the shortage of beans generally and the poor outlook for the new crop of Mexicans, every pound of Bourbon beans reaching here is doing almost double service to the consuming trade. Reported in local circles that no off quality beans are likely to come on this market and hence manufacturing consumers can entertain the offerings of importers with a deal of confidence.

Price Changes

Drugs

Advanced

Borage flowers, 20c. per lb.
Ergot, 5c. per lb.
Poppy flowers, red, 5c. per lb.
Senega root, 6c. per lb.

Reduced

Balm of gilead buds, 1c. per lb.
Belladonna leaves, 3c. per lb.
Digitalis leaves, 20c. per lb.
Henbane leaves, 5c. per lb.

Spices and Gums

Advanced

Arabic gum, 1½c. per lb.
Anise, Mexican, recleaned, ½c. per lb.
Caraway seed, Syrian, dewhiskered, 3c. per lb.
Cumin seed, Indian, ¾c. per lb.
Clove, Zanzibar, ½c. per lb.
Fennel seed, ½c. per lb.
Hempseed, 3c. per lb.
Locust bean gum, 15c. per lb.
Mace, Banda, No. 1, 18c. per lb.
Mustard seed, Calif., brown, 1c. per lb.
Niger seed, ½c. per lb.
Poppy seed, Turkish, ½c. per lb.
Paprika, Portuguese, extra fancy, 1c. per lb.
Tragacanth gum, No. 1, 25c. per lb.

Reduced

Ginger root, Cochin, bleached, ½c. per lb.
Jamaica, No. 1, ½c. per lb.
No. 2, 1c. per lb.
No. 3, ¾c. per lb.
Pepper, chillies, red, Carolina longs, ½c. per lb.
Paprika, Portuguese, good, old crop, ½c. per lb.
Pimento, Mexican, to arrive, ½c. per lb.
Poppy seed, Indian, ¼c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
253.1	253.6	254.5	322.2

Market news that may have developed after this report was sent to press will be found on page 4.

Berries

Fish.—Quiet. Small stocks. Only jobbing interest shown.

Hawthorn.—None known definitely to be available but would bring well over a dollar the pound if offered and bought.

Flowers

Arnica.—Steady. Not much activity. Very firm prices. Stocks definitely conservative. Must be increased if acute shortage is to be avoided during 1944.

Borage.—Nothing under 60c. per pound and very little at that. Held mainly for 90c. to 95c.

Chamomile. — Growing season over in the Argentine. Fall coming there. Some look for good sized offerings of Hungarian style flowers. Getting ship's cargo space is another question.

Linden.—Some flowers with leaves have come to hand unexpectedly and are offered spot at $1.10 to $1.15 per

Trade Briefs

Marihuana control bill, prohibiting the growing of cannabis by unlicensed persons, has been passed by the New York legislature and sent to the governor for approval.

Pyrethrum growing in Kashmir, begun on an experimental basis, has now reached a commercial stage. The area under cultivation in 1942 was 320 acres and the yield was estimated at 40,000 pounds.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 9

CHECK YOUR NEEDS
OF HOPKINS' ANALYZED HIGH-STANDARD
CRUDE DRUGS

If it is humanly possible to get it, Hopkins has it! The list of botanical drugs offered below is only a small part of those being supplied daily by us. But we can and *do* cooperate with our customers even beyond the limits of reasonable expectations. For your requirements, remember, the House of Hopkins has been the last word, for over 52 years, in every foreign and domestic botanical crude drug for which there is commercial demand.

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- ANISEED
- BALSAM COPAIBA
- BALSAM PERU
- BALSAM TOLU
- BELLADONNA
- BENZOIN GUM
- BOLDO LEAVES
- BUCHU
- CELERY SEED
- CHAMOMILES
- CINCHONA BARK
- COCILLANA
- CORIANDER
- CORN SILK
- DANDELION
- ERGOT
- FENNEL SEED
- FOENUGREEK
- GENTIAN ROOT
- GINGER
- GUM ARABIC (all kinds)
- HELLEBORE RT. White
- HENBANE
- HOREHOUND
- IPECAC
- IRISH MOSS
- JUNIPER BERRIES
- KOLA NUTS
- LAUREL LEAVES
- LAVENDER FLOWERS
- MARJORAM
- OLIBANUM GUM
- ORANGE PEEL
- PAPAIN
- PEPPERMINT
- PSYLLIUM SEED
- QUINCE SEED
- RHUBARB ROOT
- ROSEMARY
- SAGE
- SARSAPARILLA
- SENNA LEAVES & PODS
- SQUILL ROOT
- STRAMONIUM
- STROPHANTHUS SEED
- THYME LEAVES
- UVA URSI
- VALERIAN
- WHITE SQUILLS

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COD LIVER OIL Medicinal

pound—which constitutes something akin to a GMPR ceiling.

Poppy.—Red poppy is almost extinct. Certainly few have any. The price is minimum at 70c. per pound and 85c. is also a matter of record of business done thereat.

Gums

Arabic.—Well, the expected rise in basic prices has come at last. One of the leading sellers into consumption has made his minimum figure 16c. per pound for round quantities and 17c. for smaller lots. It will be recalled that in recent weeks numerous transactions between importers had brought sales as high as 16¾c. Last week, actual consumer interest was reported developing. But the quarter now naming 16c. fails to confirm resumption of consumer buying except for the always present small lot business.

Locust Bean.—So far as can be learned, there is none of this gum on the spot and, according to reliable belief held in well ranked quarters, none is likely to soon become available. However, high prices had already reduced consumption even when gum was still available. It has sold as low as 14c. and last sales were reported around $1.25 for top quality.

Mastic. — Believed to be purely nominal since last sales at $3.65 per pound. Possibly some more stock may come on the market from former users.

Herbs and Leaves

Belladonna.—Leaves lower at $1.45 to $1.50 per pound for strictly USP goods and less might be done on quantity lot orders offered firm to some sellers.

Buchu. — Reported that United States has sent a lend-lease mission to Cape Town to decide how best to apply lend-lease activities with South Africa. That might mean something to buchu leaf addicts.

Digitalis.—Much lower with spots offered at 25c. to 26c. per pound in quantities fully ample to cope with the at present not large call from consumers.

Henbane.—Reduced to $1.65 to $1.70 per pound and resting in quietude and general dullness so far as consumption buying goes.

Stramonium. — Turning slightly stronger as some foreign shippers turn up on the United States government's official blacklist. More dependence likely to come on domestic material—which is abundant but which also would require a substantial labor supply, which just is not in sight now.

Miscellaneous

Balm of Gilead.—Easier as wet goods come to the godowns and become available at 62c. to 63c. per pound.

Ergot.—After a period of little or no activity, a fair quantity was reported sold last week and the market rose to a minimum of $1.10 to $1.15 per pound. One quarter said that no licenses for the import of ergot were being issued in Washington.

Roots

Aletris.—Holding firm. Good collection needed this year since the carryover is none too large.

Belladonna.—Not very active. In good supply at easy prices.

Gentian. — Easy with marked tendency toward further price shading.

Ipecac. — Brazilian root advancing sharply in London.

Senega.—Higher at 75c. to 76c. per pound as supplies turn much stronger.

—Continued on page 64

—O-P-D—

Cinchona Products Institute Funding Two Fellowships

Two fellowships are offered by the Cinchona Products Institute, this city, for clinical or pharmacological research on quinine or the other alkaloids of cinchona. They carry a yearly stipend of $2,000, plus necessary laboratory or routine expenses. The purpose of the institute in offering these grants is not to suggest problems but to explore for them. It is presumed that applications will be based upon reasonable familiarity with the literature of the cinchona alkaloids both in malaria and other diseases.

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CORIANDER SEED

HISTORY

Cato, a 3rd Century B.C., writer on farming, told of its cultivation. Pliny, 1st Century A.D., naturalist, said Egyptian seed was best. Britain grew it prior to the Norman Conquest in A.D., 1066.

When handled, the plant gives off a fetid odor suggestive of the Greek *Karis* — bed bug to you. Not so the seed, which is pleasantly aromatic.

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BOTANICAL NAME	TEST	COMMON NAME
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Yields not less than 0.25 cc. oil from 100 Gms. of seed.
Contains not more than 5% foreign organic matter.
Yields not more than 1.5% acid-insoluble ash.

Petroleum Derivatives

Tension in Aromatic and Other Solvents and Gases Keeps Increasing As Refineries Are Further Cramped by Lack of Sufficient Crude and Diversion of Capacity

There have been strong intimations within the past week that the Office of Price Administration would soon announce its long-awaited authorization of substantially higher prices for crude petroleum in all the leading oil fields of California and West Texas as well as in Pennsylvania and three Mid-West States, and thereby pave the way for a commensurate lifting of price celings on virtually all derivatives. But no action has been taken in these directions by the federal bureau since it made upward readjustments of prices of crude oil in the Wyoming fields and re-established normal differentials between kerosene and No. 2 fuel oil at Gulf and East Coast plants.

However, OPA has issued a ruling on tentative pricing of crude oil, as set by seller and buyer and incorporated in an agreement, which permits such prices to be made retroactive when approved by that bureau. The approved prices may thus be made effective on the date of the agreement, or as far back as February 2, 1942, whichever is later.

Lack of adequate transportation facilities and OPA's delay in furnishing the needed incentives for more extensive exploration work in the more important of this country's oil fields, by permitting an advance in prices of their crudes of 15 cents to 25 cents per barrel, have combined to make it increasingly difficult for the smaller refiners who have no crude oil sources of their own to obtain as much crude as they require for the production of the light hydrocarbons, such as the aromatic naphthas and other solvents, diluents and liquefied gases. Even the larger refiners are hard pressed in their efforts to turn out enough of these derivatives to satisfy the needs of their customers, inasmuch as they are now devoting a large and constantly increasing percentage of their fractionating capacity to the production of the ingredients of high octane gasoline for the American air forces.

Price Changes

Advanced

Gasoline, Gulf Coast, 80-octane, tanks, ¼c. per gal.
Lubricating oil, Western Pennsylvania, neutral, 150 and 200 viscosity, 0-25 pour, tanks, 2c. per gal.

Reduced

None

Market news that may have developed after this report was sent to press will be found on page 4.

Solvents and Diluents

Aromatic Solvents. — With the demand for the allocated grades mounting steeply while the current output of many refiners is remaining stationary or retrograding, the market for these grades is becoming tighter and stronger daily. Consumers barred from obtaining the material with an average distillation point below 330 degrees, for lack of WPB authorization, are having recourse on a steadily increasing scale to the products having melting points above 330 degrees and to the aliphatics.

Cleaners' Naphtha.—Buying interest continues to reach sizable proportions. Stocks none too large.

Lacquer Diluent.—Movement attaining considerable volume. Supplies only sufficient to meet current requirements.

Mineral Spirit.—In active call and rather light supply. Market tone continues steady.

Rubber Solvent.—In steadily increasing request. Takings by the rubber industry expected to grow to notable size as the synthetic rubber production program attains momentum.

V. M. & P. Naphtha.—Paint industry taking sizable quantities, although largest percentage of offerings is being absorbed by war production contractors who are generally possessed of more tankcars and better transportation facilities of all kinds.

Markets at Other Centers

Chicago—March 26

Aromatic Solvents.—Current output inadequate for all requirements. Most pronounced shortage is in allocated grades wherein buying authorization is based solely on war production needs. Grades with higher distillation points than 330 degrees being purchased whenever they can be used instead of those under allocation.

V. M. & P. Naphthas.—Movement continues in sizable volume, with paint trade making sizable purchases but with war contract users the largest buyers.

Los Angeles—March 26

Aromatic Naphthas.—Some of the allocated grades of aromatic naphthas are beginning to tend toward greater scarcity, in consequence of an unceasing and increasing demand. So far, however, producers on the Pacific Coast have been able to fill virtually all requests but they may soon be hard pressed to fill allocation requests.

Tulsa—March 26

V. M. & P. Naphtha.—Demand is far outrunning current output and stocks. Paint trade well represented among buyers but war production contractors are still absorbing greater part of offerings.

Lighter Fractions

Butane.—Brisk demand recorded on all scores, with buying about evenly divided between war production and non-essential users.

Heptane.—Purchasing interest being steadily extended.

Hexane.—Continue in fair request, with stocks none too plentiful.

Octanes.—Moving steadily into consuming channels.

Pentanes. — Purchasing movement unabatedly active.

Propane.—Requirements of all classes of consumers reaching such large proportions that some suppliers are having difficulty in meeting them all. Market tone exceedingly strong.

Markets at Other Centers

Chicago—March 26

Butane.—Buying movement steadily expanding. New customers finding it difficult to be accommodated. Market tone very strong.

Heptane.—Continues in active request.

Hexanes.—Still in fair call.

Octanes.—In fair inquiry and light supply.

Pentanes.—Keen buying interest shown in these gases.

Propane.—Purchasing operations being constantly extended. Absorption of offerings exceeding all records.

Los Angeles—March 26

Butane.—Situation tight throughout. Increasing quantities going into manufacture of high octane gasoline for air forces.

Propane.—Buying interest steadily broadening. Production of aviation gasoline absorbing large amounts of this gas.

Tulsa—March 26

Butane.—Purchasing movement reaching larger proportions daily.

Propane.—Buyers expanding their operations daily. Market tone exceedingly strong.

Petrolatums and Waxes

Paraffin.—Movement attaining large volume. Demand running far ahead of supply. Market tone very firm.

Petrolatums.—Continue in moderate request, with U.S.P., veterinarian and industrial grades being steadily absorbed at the prices named in schedules initially effective last November.

White Mineral Oils.—In steadily increasing demand. Movement of U.S.P. and technical grades attaining sizable proportions.

Amorphous Waxes.—Absorption of these waxes is still proceeding actively. Stocks none too liberal.

Markets at Other Centers

Chicago—March 26

Paraffin.—Continues in good demand, with sizable movement recorded into consuming channels.

White Mineral Oils.—In steadily growing call. Market tone firm.

Los Angeles—March 26

Paraffin.—There is no sign of easing in the paraffin situation on the Pacific Coast. Producers in this area report that they are able to fill only a fraction of the orders now pouring in upon them.

Fuels and Lubricants

Crude Petroleum.—In order to promote the free flow of materials used in oil well drilling and operating, WPB has issued an amended Preference Rating Order designated as P-98-c which simplifies and concentrates all controls over inventories of materials in the industry, defines "surplus material," and, among other provisions, makes the securing of any materials dependent upon participation on and after May 1 in the PAW Materials Redistribution Program No. 2.

Fuel Oil.—Announcement has been made that the joint PAW-WPB Office of "Confirmations and Appeals" for large fuel oil consumers affected by PAW Order No. 3 has already brought about a net saving of more than 78,000,000 gallons of oil by industry from Maine to Florida and expects by the end of the current quarter to show a saving in excess of 100,000,000 gallons in District 1.

Gasoline.—A growing shortage of high-grade gasoline in the Gulf Coast area has induced refiners there to advance their prices for 80-octane in tanks ¼c. per gallon to a new range of 6½c. to 7 cents. Announcement has been made that all A, B and C-unit coupons on the East Coast are valued at three gallons and that Coupon 5 in the A books is good for 3 gallons from March 22 through July 22, but, although the value of each coupon remains unchanged, under the cut in the basic ration, an A-book holder's eight No. 5 coupons must do him twice as long, thus cutting his average to 1½ gallons per week.

Lubricating Oil.—Western Pennsylvania refiners who had previously been engaging in a price cutting campaign in neutral oil of 150 degrees and 200 degrees viscosity and 0.25 pour, have revised their quotations upward by 2 cents per gallon to new ranges of 21c. to 24c. and 23c. to 26c., respectively.

Liquefied Petroleum Gas Advisers Named

Liquefield Petroleum Gas Industry Advisory Committee has been established by the War Production Board. Government presiding officer is Paul K. Thompson. Members of the committee are:—

L. Abramson, Petrolane Gas Corporation, New Orleans, La.; George W. Bach, Skelly Oil Company, Kansas City, Mo.; Kenneth H. Koach, Green's Fuel, Inc., Sarasota, Fla.; G. L. Brennan, Warren Petroleum Company, Tulsa, Okla.; W. T. Joplin, Butane Corporation, Phoenix, Ariz.; C. D. Whitfield, Phillips Petroleum Company, Washington, D. C.; P. A. Anderson, Utilities Distributors, Portland, Me.; M. L. Baker, Standard Oil Company of Calif., San Francisco; F. B. Boice, Shell Oil Company, New York; John Clark, Standard Oil Company of N. J., New York; W. A. Naumer, Carbide & Carbon Chemical Corp., New York.

Trade Briefs

Ohio Standard Oil Company has started construction of a new $7,000,000 gasoline cracking plant at its Cleveland refining works.

Taylor Refining Company, Taylor, Tex., has entered into a contract with the Defense Plant Corporation, to provide plant facilities at a cost of approximately $1,000,000.

Magnolia Petroleum Company, a subsidiary of Socony-Vacuum Oil Company, this city, has purchased the stock of the Harrison Oil Company, Houston, Tex., for an undisclosed consideration.

Kalunite, Inc., Salt Lake city, Utah, has entered into a contract with the Defense Plant Corporation, to provide additional facilities at a cost of approximately $990,000 resulting in an overall commitment of approximately $4,500,000.

Oscar C. Sherp, formerly vice-president of Carter Oil Company, has been advanced to president of the Carter Oil Company, succeeding L. C. McCollum, who has become assistant to C. H. Lieb, in charge of all producing operations of subsidiary companies of Standard Oil Company of New Jersey.

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 9

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OPD—3-29-1943

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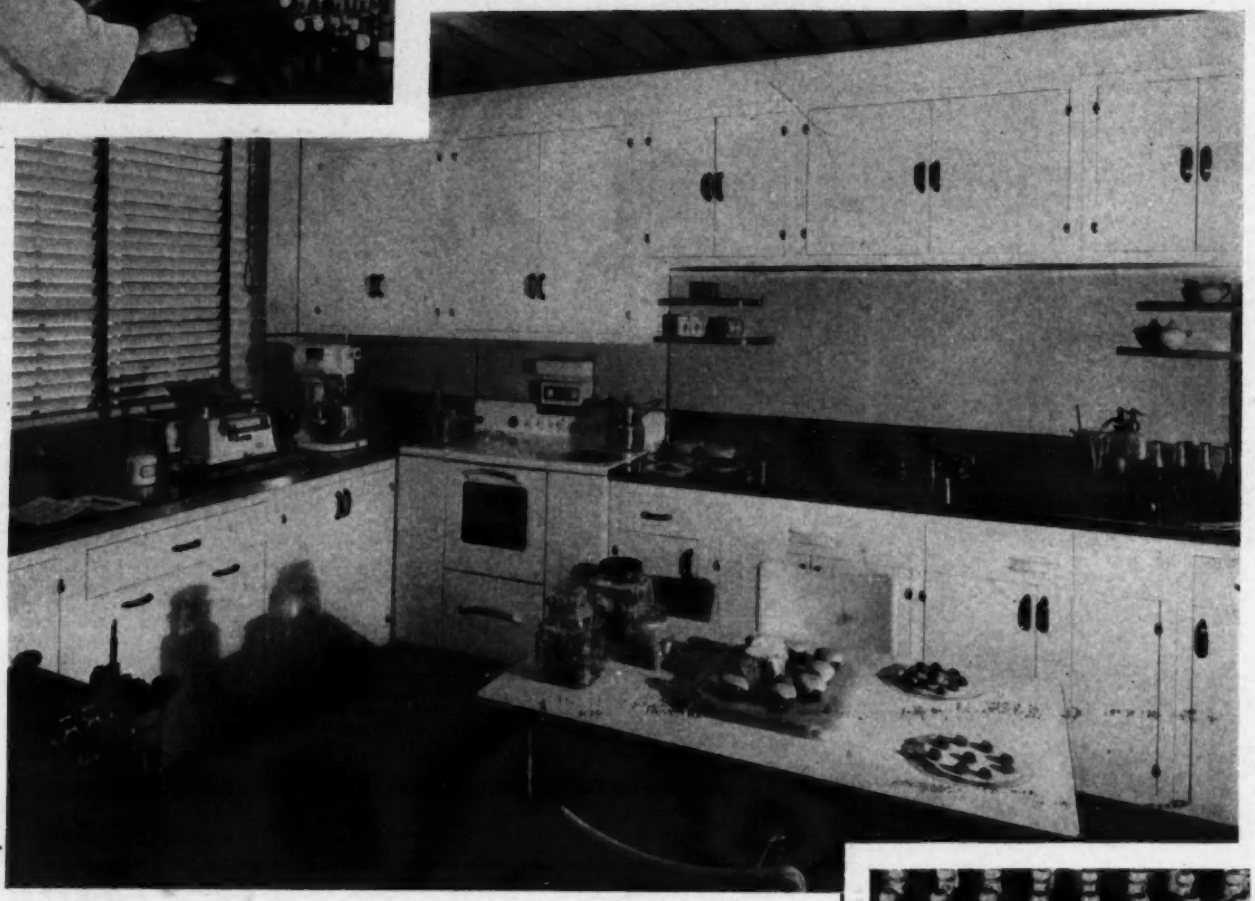
Photos, upper left: Compounding a flavor to customer's specifications in our Flavor Laboratory. Center: This is our Experimental Food Laboratory where flavors, thus compounded, are tried out before recommendation to the customer. Lower right: Uniform quality and packaging are distinguishing features of all F. B. flavors and essential oils.



OUR New York plant is excellently equipped, both in facilities and personnel, to handle even the most difficult problems of seasoning or flavoring. If the customer's precise needs are not available in stock flavors, our chemists are fully prepared to create special types based upon the customer's specified taste effects and suggested limits of cost, and before recommending them, to *prove* them by practical test in our model Experimental Food Laboratory. This extra Fritzsche service is all a PART of our products, APART from their price. Translated into customer benefits, it means product appeal, palatability and *PROFIT!*

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AROMATIC CHEMICALS
and
PERFUME RAW MATERIALS

Essential Oils, Aromatic Chemicals

Domestic Orange Lower in Some Quarters and Unsettled in Others —Follows Real Weakness in Brazilian Oil—Spice Oils Strong and Scarce

Although price changes in the market for essential oils and aromatic chemicals proved to be the exception, not the rule, weakness of imported orange oil came to the fore once more, and this time was accompanied by weaker and lower prices of "independent" producers. Furthermore, peppermint was not to be backed off the stage of developments without at least one encore. Prices on the spot and those wanted in the middlewest are virtually at a parity. On spot the price is supposed to carry some sort of profit to the dealer, but the present replacement cost in the country is understood to allow no margin for that desirable return to local sellers. Meanwhile there is no overwhelming demand for spot goods, and some material in hand now was bought on a basis permitting a profit to spot dealers on sales made at minimum ceilings.

Orange from Brazil and Florida was cheaper, and there was not much lilt to other citrus oils. Of course, there was a firmer tone in lime oil, and lemon prevailed on a basis of substantial price stability. Also, there is likely to be a fair market for grapefruit oil at higher prices.

The oils of China were virtually a mere memory on spot, and hence sales of substitutes for anise and cassia accounted for good business. Floral oils were fairly quiet. Spice oils were generally on the side of real strength, the position of clove, mace, nutmeg, cinnamon and the like being notable in that respect, in view of the subnormal stocks that were available—when available at all, which was not too often

At the close of the period the market as a whole was very firm, and the outlook for continued strength was far better than fair.

Price Changes

Advanced

Grapefruit, 5c. per lb.

Reduced

Geranium, Bourbon, 25c. per lb.
Lime, Mexican, 25c. per lb.
Orange, Brazilian, 5c. per lb.
Floridian, 10c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
238.4	239.1	238.3	306.0

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—Sweet oil remains firm at the recent advance in price. Bitter oil still virtually unobtainable on spot.

Angelica.—Not much call but exceptionally firm price position due mainly to the very small stocks still available on the spot.

Anise.—Generally in light supply but the spot call was unimpressive last week and quotations, while close to nominal position, were still offered in a few quarters.

Bay.—Demand fair. Stocks kept moderate in size by prevailing difficulties in connection with transport of replacement stocks from primary to spot market.

Caraway.—Prices up moderately to minimum of $13.85 per pound, although some quarters report having done business as high as $17 per pound.

Cinnamon.—No major stock available on spot and what is available is mainly leaf oil. Last sales of bark oil were as high as $40 per pound.

Clove.—Strong. Raw material continues to advance and consumption of oil keeps unsold stocks to exceptionally low levels. Higher prices expected.

Cumin.—Few have any oil whatsoever. Some who have distilled seed for their own use report production cost at $8 per pound.

Dill.—More business expected to develop along seasonal lines when picklers begin to cover their Summer requirements in major fashion.

Eucalyptus.—Exceptionally firm and tending toward a stronger position that shapes up well with prevailing replacement costs, difficulties, and uncertainties.

Geranium.—Bourbon oil reported available as low as $12 per pound. Algerian unchanged. Not much call for either variety. Stocks moderate.

Grapefruit.—Firmer as demand pushes reserves lower and strengthens sellers' price views. Market $1.90 to $2.05 per pound as to seller. No further purchases made by Food Distribution Administration. Has bought 26,614 pounds since April, 1941.

Ginger.—Raw material market exceptionally firm on the basis of still higher prices obtained of late. Stocks of oil very conservative.

Lemon.—Steady to firm and subject to a sustained but not exceptionally large demand for prompt delivery oil. Food Distribution Administration bought 66,777 pounds in January; 162,800 in 1942; and a total of 229,577 pounds since April, 1941.

Lemongrass.—Quiet. In plentiful supply with the bulk of holdings consisting of oil made in this country during the past year.

Lime.—Sales of Mexican oil said to have been made at more favorable price of $6.75 per pound. Ranging to $7.70 per pound still. Jamaica oil in limited supply since London has drawn practically all production there.

Orange. — Brazilian oil weak and lower at $1.20 to $1.25 per pound. Some Florida oil said to have changed hands at $1.30, also a concession. California oil unchanged so far as main producer is concerned. Some shading reported in other Californian quarters. Food Distribution Administration bought no oil in January; 21,961 pounds in 1942, which also is the total of purchases since April, 1941.

Peppermint. — Transactions with primary market stymied by fact that country prices cannot be paid here if oil sold by local dealers is to yield a needed, if moderate, profit. Lacking price control, this oil would probably be far higher than it is today. Can middlewestern mint farmers arrange a distribution system to put oil into hands of manufacturing consumers?

Petitgrain.—Very firm but lacking more than jobbing activity.

Sandalwood.—Highest quality oil moving in moderate quantities but very steadily to the leading pharmaceutical manufacturers.

Spearmint.—Not much activity. Orders mainly jobbing. Steady prices suggest substantial stability at the moment.

Tangerine.—Food Distribution Administration calls for bids to supply 700 pounds of tangerine oil under announcement FSC-1340. Bids returnable April 2.

Trade Briefs

William F. Kiefer, representing George Lueders & Co., Inc., essential oils and aromatic chemical manufacturer, has moved his office from 21 South Twelfth street to 12 South Twelfth street, Philadelphia.

Standard Synthetics, Inc., this city, is using a series of illustrated and scented blotters to advertise its bases para perfumes, extractos finos, aceites esenciales, and productos quimicos aromaticos in Latin America.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 9

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Manufacturers of Aromatic Chemicals, Natural Derivatives, Perfume and Flavor Oils

Aromatic Chemicals

Ethyl Vanillin. — Dollars and cents price ceiling due any day now. Delayed longer than seemed likely from semi-official statements two weeks back.

Eugenol.—Raw material strengthening and rising steadily. Movement likely to be reflected in eugenol prices where ceiling permit.

Hydroxycitronellal. — Fair activity but prices show no activity since more favorable positions were established in the not far distant past.

Linalool.—Very steady. Fair but not expansive activity. Buyers fail to find any over supply in most directions. Prices well maintained.

Menthol.—Virtually impossible to get natural menthol and its more than good luck when some synthetic may be garnered from the exceptionally small holdings. No new buyer stands a chance.

Methyl Acetophenone. — Some totally unable to deliver. Others have no over supply. The demand continued rather routine, notwithstanding.

Methyl Anthranilate. — There is not much around at any price if the delivery must be on a prompt basis. One leading producer admits values quoted to be practically nominal.

—O-P-D—

Flavoring Extract Makers To Meet in This City May 24

The Flavoring Extract Manufacturers' Association will hold its annual business meeting in the Hotel Pennsylvania, this city, May 24 and 25.

The outside entertainment has been entirely eliminated, which usually goes with the annual convention.

—O-P-D—

Speicher-Grady Wins Window Display Prize

Speicher - Grady Drug Company, Johnstown, Pa., has been awarded first prize in the 1942 national pharmacy week window display contest and will receive the Robert J. Ruth Trophy donated by the Federal Wholesale Druggists' Association.

—O-P-D—

Heyden Co. Files Preferred Stock Issue

Heyden Chemical Corporation has filed a registration statement with the Securities and Exchange Commission in Philadelphia covering new $4,000,000 issue of preferred stock. The purpose of the proposed issue is to provide funds to retire the present $1,940,000 issue of 4¼ percentum preferred stock and to give the company additional working capital.

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Fertilizer Materials

Tension in Nitrogenates Relieved by Additional WPB Allocations Of Chemical Products — OPA Establishes Maximum Prices for Superphosphates—Soda Nitrate Schedule Continued for April

Although the fertilizer industry has continued handicapped in large measure within the past week by shortages in virtually all organics, it is obtaining some relief from the previously existing tension in nitrogenates through additional releases of several nitrogenous products of domestic synthetic origin, particularly sulphate of ammonia, anhydrous ammonia, cyanamid and ammonium nitrate. Just as the first arrivals of this last-mentioned ammoniate from Canada had been completely absorbed in California and in the Southern area constituting the delta of the Mississippi lands, new offerings have made their appearance in the San Francisco Bay area by authorization of the War Production Board which has approved the sale in that region by an American powder and munitions works of an initial lot of 3,000 tons for fertilizer purposes in California during the three ensuing months.

Office of Price Administration has issued a list of specific dollars and cents maximum prices for superphosphate, made uniform to all sellers at each of the fifty-six producing points in the United States, including Baltimore, which has hitherto been considered the primary marketing center. New maximum prices, which are based upon the price per unit of available phosphoric acid in each of the areas, have been prepared as amendment 140 to Supplementary Regulation No. 14 under the General Maximum Price Regulation, effective March 30. They establish one ceiling on run-of-pile 16 percent material in bulk at Baltimore and higher unit prices for producing points north of Baltimore and lower figures for those south of that center. The former allowable charge of 50c. per ton for flattening has been abrogated but new allowances for flattening and granulating are set up.

Price Changes

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
71.8	71.8	71.8	71.0

Market news that may have developed after this report was sent to press will be found on page 4.

Nitrogenates

Castor Pomace.—Recent arrivals of castor beans have tended to ease the market situation to a slight degree. Demand has not relaxed and shipments are going forward in sufficient volume to prevent much additional stock being offered. Maximum Price Regulation No. 108, revised, controls output of cake and grinders find it difficult to meet requirements. Arrivals of 51,637 bags of castor beans were reported last week.

Nitrate of Ammonia.—Offerings in the West through WPB authorization have been entirely absorbed and the market has resumed a tight position without change in prices. Additional shipments from Ontario are reported in the Southwest.

Nitrate of Soda.—Fertilizer factories are taking March allocations and this constitutes the chief market movement at present. Former prices are named by leading sellers through April. Heavy arrivals were noted last week.

Sulphate of Ammonia.—Production heavily sold ahead and price tendency is steady. New contract quotations are expected late in May or early June. Attempts to expand output are being hampered by shortage of man-power and some manufacturers are experiencing delays in shipment from the same condition. Estimates on operations of by-product cokeovens for the week ended March 20 indicate a production of 38,416,120 pounds from that source.

Sulphate of Manganese.—Demand has remained active for this material and makers have been able to keep up with contracts. The general movement is of seasonal dimensions with additional orders at former price levels. An arrival of 4,000 tons of manganese ore was reported during the week.

Potashes

Small additional arrivals from Russia have been distributed by the Defense Supplies Corporation. While recent imports have slightly eased the tension, the market continues in a tight position. Producers continue to await WPB General Preference Order M-291, providing for allocation control in three periods beginning April 1. It is expected that output will be increased in an effort to keep pace with the expanding inquiry from the consuming trade.

Phosphates

Bone Materials.—Supplies have been brought to a low level and the market continues in a tight position without suggestion of any perceptible improvement in the immediate future. The absence of foreign crude material has forced consumers to depend upon domestic stocks and demand, temporarily, is exceeding supply.

Phosphate Rock.—Shipments of both Florida land pebble and Tennessee brown rock have continued heavy to superphosphate processors. Recent importations of phosphate rock reaching here from French North Africa and from Russia have augmented stocks. However, a ruling by the Combined Anglo-American Food Board has assigned most of the North American output of concentrates to the United Kingdom. Office of Price Administration reports that maximum prices to dealers and consumers of mixed fertilizer, superphosphate and potash have been modified in certain localities and under particular conditions.

Superphosphate. — Schedule made effective by Office of Price Administration last week creates a ceiling on run-of-pile basis 16 percent available phosphoric acid bulk at Baltimore at 64c. per unit. Higher prices are named for points North and South of that point. A charge of 1½c. per unit is allowed for 18 percent, 19 percent or 20 percent guaranteed phosphoric acid content; also a charge of 2c. per unit is permitted for granulating. OPA has also issued a list of maximum prices to dealers and consumers for superphosphate as well as for mixed fertilizers and potash in an amendment to its MPR 135, permitting dealers to add from 40c. to $1.60 per ton to producers' prices, according to their location in each of the states.

An unfortunate wording of a reference to superphosphate prices

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 9

Trade Briefs

Chilean nitrate imported into the United States totaled 700,000 tons in 1942.

Chemical Manufacturing Company has its offices at 52 William Street, this city.

Sulphur is being obtained in considerable quantities as a by-product from the new shale oil plant at Kinneh-Kleva, which is owned and controlled by the Swedish navy.

Calcium cyanamide plant will be erected in Sweden at Kinne-Kleva, Vastergotland, by the Kooperativa Forbundet (Cooperative Union), at a cost of 15,000,000 kroner, according to trade reports.

STOCKPILING SULPHUR

The Division of Industry Operations of the War Production Board has urged sulphur consumers to build up reserve supplies at their plants so that possible transportation tie-ups in the future will not halt their operations.

The Director of Industry Operations has issued General Inventory Order M-132 to make such stockpiling possible. The Order relaxes Priorities Regulation No. 1 to permit deliveries of sulphur in excess of a practical minimum working inventory. Under M-132, no restrictions are placed upon deliveries or acceptances of sulphur from a primary producer.

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herein last week has given the erroneous impression that Baltimore producers had an agreement on the price. There was no thought or belief of the existence of such an agreement and no intention to state or imply that any existed. The statement was intended to mean that the price information got from each of the several producers was the same—there had been differences—but somebody slipped on the figure.

Because of the erroneous impression, the Davison Chemical Corporation wired OPD:—

We have just read with amazement your superphosphate news item, page 55, March 22 issue. We have no knowledge of any such agreement and have had no discussions with respect thereto. All our sales and quotations have been at or below OPA ceiling prices."

—and the Baugh Chemical Company wrote:—

We wish to state that we know nothing whatsoever of any agreement among the operators regarding the price of this commodity, and also wish to state that we have not contracted or quoted superphosphate at higher than 60 cents per unit, in bulk, and this is the highest price at which we have sold and shipped any superphosphate. As far as our knowledge is concerned, the statements in this respect are in error, and we desire to go on record in so stating.

—also the F. S. Royster Guano Company wrote:—

As one of the Baltimore operators manufacturing large quantities of superphosphate, the above statement is of great concern to us. We have not quoted any 70 cents unit price on bulk superphosphate nor have we heard of such a price. In an issuance of January 9 the Office of Price Administration suggests 62½ cents per unit for bulk run-of-pile superphosphate, which is the highest figure we would consider using in offering this material for sale. We don't know the source of your information, but certainly it is 100 percent unreliable insofar as we are concerned.

Sulphur and Pyrites

Supplies of sulphur remain adequate for current requirements. Shipments for fertilizer requirements continue heavy and the market retains a firm tendency without quotable change in prices. The absence of Spanish pyrites leaves that market in a nominal position.

Atlanta—March 26

Further allocation of sulphate of ammonia are expected for use as top dressings. Nitrate of soda allocations for top dressings are reported coming through satisfactorily. Some shipments of ammonia nitrate from Ontario to the Southwest are reported and there are prospects that additional amounts will be obtained.

Nitrate of Soda.—Allocated, $30 per ton, port basis.

Sulphate of Ammonia.—Allocated, $29 per ton, port basis; $28 at ovens.

Cottonseed Meal.—Eight percent grade, $38.60 per ton.

Soybean Meal.—$44.50 per ton.

Ammonia Nitrate.—$56 per ton, f.o.b. Fort Robinson, Ontario.

Baltimore—March 26

Fish Scrap.—There is no information about sales of this ammoniate having taken place during the week. Information about the next fishing season is not encouraging. Ceiling on fish meal remains at $72.50 per ton for stocks analyzing 60 percent protein; $78.50 per ton for 65 percent protein content.

Superphosphate.—Business has progressed along seasonal lines with OPA schedule being respected on business entered.

Tankage.—This ammoniate is steady at $5.10 and 10 per unit-ton as the ceiling, with the volume of business done limited and with no indications of a spurt.

Dried Blood.—Much the same state of affairs is to be reported as to the market for this material, which continues scant of supply, though with buying interest quite good. The ceiling, of course, is held at $4.95 per unit-ton, with offers few and far between.

Chicago—March 26

Dried Blood.—Principal grade, unground, $5.38 per unit of ammonia.

Tankage.—Feeding grade, unground, $5.53 per unit; hoofmeal, $4.25 to $4.35 per ton; liquid stick, $2.45 to $2.50.

Bone Materials.—Ground, steamed bone, $35 to $36 per ton; cattle jaws, skulls and knuckles, $40 to $42; dry, rendered tankage, hard pressed, $1.21; 50 meat and bone scraps, $68.

—O-P-D—

Containers for Overseas Shipments Discussed

OPD Washington Bureau

Steps have been taken to improve the quality of containers used for overseas shipment of military and lend-lease products. A booklet, "Manual for Inspection of Damaged Shipments," was issued by the Container Coordinating Committee, of the war procurement agencies, to be used by receivers and field representatives of the war procurement agencies, War Shipping Administration, and foreign governments in the preparation of reports on damages to shipments of war materials and lend-lease supplies. The information obtained will be used to improve containers so that products will arrive at point of destination with minimum damage. Copies can be obtained from the Container Coordinating Committee, or from any of the cooperating agencies.

—O-P-D—

Air Reduction Boston Plant Destroyed by Fire

The Boston plant of the Air Reduction Sales Company of Dorchester was destroyed March 20 by a series of violent explosions and fire. The damage was estimated at $1,000,000. This included the loss of 500,000 cubic feet of hydrogen, nitrogen, and oxygen in the building.

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Superphosphate Prices Ceiled by OPA

—Continued from page 4

clude the 3 percent tax thereon imposed by section 620 of the revenue act of 1942:—

Delivery Area No. 1

The price basing points for area No. 1 are confined to the State of Georgia and maximum price per unit of available phosphoric acid and basing points in area No. 1 are:—Albany, Americus, Athens, Atlanta, Augusta, Columbus, East Point, La Grange, Macon, Pelham, Rome, Tifton, and Valdosta, all 61 cents per unit; Savannah, Ga., 55 cents per unit.

Delivery Area No. 2

The delivery area No. 2 consists of the States of Alabama and Florida west of the Apalachicola river. The basing points in this area are:—Pensacola, Fla.; Bessemer, Ala.; Birmingham, Ala.; Dothan, Ala.; Florence, Ala.; Mobile, Ala.; Montgomery, Ala.; Roanoke, Ala.; Troy, Ala., and Nashville, Tenn. The maximum price per unit of available phosphoric acid at all basing points is 60 cents per unit.

Delivery Area No. 3

Delivery area No. 3 is made up of the States of Mississippi and Louisiana. The following base points take a maximum price of 62½ cents per unit available phosphoric acid:—Gulfport, Miss.; Hattieburg, Miss.; Jackson, Miss.; Tupelo, Miss.; New Orleans, La.; Harvey, La.; Shreveport, La.; Shrewsbury, La. The following take 60 cents per unit:—Pensacola, Fla., and Nashville, Tenn.

Delivery Area No. 4

Delivery area No. 4 consists of the States of Tennessee and Kentucky. The basing points and maximum price per unit of available phosphoric acid are:—Chattanooga, Tenn., 63c.; Greenville, Tenn., 63c.; Knoxville, Tenn., 63c.; Memphis, Tenn., 60c.; Mt. Pleasant, Tenn., 60c.; Nashville, Tenn., 60c., and Wales, Tenn., 60c.

A producer, selling for delivery outside an area for which his producing point is listed as a price basing point, or selling to a buyer who does not specify a point of destination at the time of the sale, may charge a price, basis f.o.b. cars at producing point, no higher than the price specified for that producing point.

(3) For sales of superphosphate guaranteed by the producer to contain 18 percent, 19 percent, or 20 percent available phosphoric acid, with no charge for over-run, the maximum price as established under (1) or (2) plus $.015 per unit of available phosphoric acid guaranteed.

(b) Granulated superphosphate. The maximum price as established under (1), (2), or (3) above plus $.02 per unit of available phosphoric acid.

Triple Superphosphate

(ii) Bulk sales of triple superphosphate. The maximum price a producer may charge for triple superphosphate (containing 40 percent or more available phosphoric acid) for sale in bulk to fertilizer manufacturers or mixers shall be:—

(a) In the States of Washington, Oregon, California, Nevada, Utah, Idaho, Montana, Wyoming, North Dakota, South Dakota, Nebraska, Kansas, Colorado, Arizona, and New Mexico, a price of $.065 per unit of available phosphoric acid, basis delivered to the point of destination designated by the buyer, except that the actual cost of transportation and the 3 percent tax thereon imposed by section 620 of the revenue act of 1942, from Anaconda, Montana, to the point of destination, in excess of $8.03 per ton of 2,000 pounds may be charged to the account of the buyer.

(b) In the other States of the United States and in the District of Columbia, a price per unit of available phosphoric acid, basis f.o.b. railroad cars at the point of production, of:—

(1) $.70 for any producing point in Montana or Tennessee;

(2) $.65 for any producing point in South Carolina;

(3) $.62 for any producing point in Florida;

(4) For any producing point located in the District of Columbia or in any State other than Montana, Tennessee, South Carolina or Florida, $.62 plus the cost per unit of transportation by rail in car-load lots, of 48 percent superphosphate from East Tampa, Florida, to that producing point, such transportation cost to include the 3 percent tax thereon imposed by section 620 of the revenue act of 1942.

Double Superphosphate

(iii) Bulk sales of double superphosphate. The maximum price per ton which a producer may charge, basis f.o.b. railroad cars at his plant, for double superphosphate (containing 22 percent or more but less than 40 percent available phosphoric acid) for sale in bulk to fertilizer manufacturers or mixers shall be:—

(a) The product of 20 units of available phosphoric acid times the price per unit for a guaranteed grade of ordinary superphosphate, basis f.o.b. cars at producing point (i) (a) (3), plus

(b) The product of the number of units contained therein in excess of 20 units times the applicable maximum price per unit for triple superphosphate, basis f.o.b. cars at the producing point (ii). If the producer of such double superphosphate is not a producer of triple superphosphate, his applicable maximum price, for calculations required in this paragraph, shall be his actual delivered cost of triple superphosphate, or if none was purchased, the maximum price as established in (ii) (b) (4).

Sales in Bags

(iv) Sales of superphosphate in bags. The maximum price a producer may charge for superphosphate for sales in bags to fertilizer manufacturers or mixers shall be the applicable maximum price for bulk sales as determined under (i), (ii), or (iii) above, plus $1.00 per ton of 2,000 pounds, plus the producer's actual cost of the bags used to package 2,000 pounds.

(v) Sales of superphosphate to government departments and agencies. The maximum price a producer may charge for sales of superphosphate to the United States Treasury, the United States Department of Agriculture or any agency of the United States shall be the applicable maximum price as established under (i), (ii), (iii), or (iv) above.

Export Sales

(vi) Sales of superphosphate for export. The maximum price a producer may charge for sales of superphosphate for export shall be determined in accordance with the provisions of the Revised Maximum Export Price Regulation issued by the Office of Price Administration.

Resales

(vii) Resales of double or triple superphosphate. The maximum price which one fertilizer manufacturer or mixer may charge another fertilizer manufacturer or mixer for the sale of double or triple superphosphate not produced by the seller shall be his delivered cost of such superphosphate plus $3.00 per ton of 2,000 pounds.

—O-P-D—

Alcohol Producers Corn Needs Studied

—Continued from page 7

What results were obtained from these conferences, however, were not disclosed in the official announcement. Indications were that the solution rested largely upon what Congress does finally in the movement to increase the ceiling price on corn by various measures affecting the computation of parity now under consideration.

That a forced closing down of operations might have severe repercussions in the long run was testified to by Owsley Brown, member of the advisory committee and President of the Kentucky Distillers Association.

He warned that the labor situation in his area was such that any interruption in the employment of alcohol workers might result in their permanent loss to other war industries. In such an event, he added, it is a doubtful possibility that the present rate of production would ever be achieved again.

Decision of the Commodity Credit Corporation not to make any more corn delivery contracts after April 1 has been forced upon the officials by reason of the fact that the CCC was nearing the exhaustion point of its supplies. While it had agreed to make corn deliveries for the remaining days of the first quarter to distilleries, in addition to food processers and for necessary stock feeding, its total supply of corn on March 13 amounted to only 36,000,000 bushels.

During the past week, it was said, some of this corn was sold to certain distillers in Illinois and Indiana for production of alcohol because they had been unable to obtain any supplies in the open market. Other distillers are changing their formula and are using more wheat for the production of alcohol in order to meet the demands of the CCC that the distilling industry absorb larger supplies of wheat in their operations than they have been doing in the past.

—O-P-D—

N.Y. Paint Club To Meet March 30

The Paint, Varnish and Lacquer Association will meet in the Building Trades Employers Club, this city, March 30. The meeting which will start at 4 p.m. will discuss "Efficient Utilization of Available Manpower Reducing Manpower Losses."

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Glycerin Replacement With Pentaerythritol

The current glycerin situation has caused considerable shortage in resins derived from glycerin, and has forced the resin user's attention upon those resins derived from pentaerythritol. The outstanding example of the substitution of pentaerythritol for glycerin in resin manufacture has been in the production of the "Pentalyn" resins by the Hercules Powder Company.

This country's production capacity of pentaerythritol has been increased to a considerable degree in recent months, but the full output cannot be used in relieving the glycerin shortage for resin production. Pentaerythritol, like glycerin, is also used in the production of certain types of explosives.

Furthermore, pentaerythritol cannot be substituted for glycerin in all applications of the latter. For example, glycerin is used extensively as a plasticizer and a softening agent because of its high hygroscopicity and water solubility. For such purposes pentearythritol cannot be used. It is a solid instead of a viscous liquid, such as glycerin, and is not hygroscopic. Its solubility in water is relatively low. Consequently, pentaerythritol's application to replace glycerin depends entirely on its chemical reactivity as a glycol.

The use of pentaerythritol in the production and modification of resins was sponsored and pioneered by the Hercules Powder Company in its program of making rosin more useful in the production of better resins. The rosin esters of pentaerythritol and their modifications, known under the trade name, "Pentalyn," are covered by numerous Hercules patents and patent applications. Furthermore, it is believed that the Hercules company, through recent expansions, has sufficient esterification capacity to convert to resin use all pentaerythritol not required for ordnance and explosive needs.

This polyhydric alcohol is used in the esterification of the monobasic rosin acids to give rosin esters of markedly increased efficiency in specification varnishes in comparison with the glycerol ester. These resins are characterized also by high melting points. Pentaerythritol, like sorbitol, mannitol, and other high molecular weight alcohols, is reported to add better drying properties when substituted for a portion of the glycerin used in the production of alkyds.

In the case of pentaerythritol esters, the phenolic and maleic modifications of rosin esters, it is said, can be accomplished with smaller proportions of the modifying agent than with glycerin esters. Thus, while the use of pentaerythritol can help to conserve glycerin and concurrently give more stable and more widely useful resins, that same use makes possible the extension of the country's limited supplies of phenolic and maleic modifying agents. Furthermore, resins made from pentearythritol make it possible to conserve imported varnish oils, such as tung and castor oils. By use of the pentalyns with soft oils, such as linseed oil, it is said to be possible to make tough and rapid-drying coatings.

—O-P-D—

Dorkovich Opens Office As Industrial Consultant

Victor Dorkovich has resigned as head of the coaltar and dyestuffs section of the Office of Price Administration to establish offices as an industrial consultant in 500 Fifth avenue, New York. Prior to his year of service in Washington, Mr. Dorkovich was for six years with the Barrett Division of the Allied Chemical & Dye Corporation, where he was in charge of marketing surveys of the coaltar products and competitive fields.

Wooden Container Make Under License Control

OPD Washington Bureau

All sellers of wooden containers and all persons performing services relating to their manufacture have been brought under uniform licensing control by the Office of Price Administration.

Supplementary order No. 39, effective March 26, provides that a license is necessary in order to make sales of the containers and services for which maximum prices are established by the following price regulations:—

Used egg cases and used component parts; Western wooden agricultural containers; industrial wooden boxes; and Eastern and central wooden agricultural containers.

The order automatically grants licenses to all persons selling the commodities or providing the services for which maximum prices are established by the regulations. Accordingly, no application for license need be made.

—O-P-D—

Indian Refining Company's plant, Irvine, Ky., was damaged by a $10,000 fire recently.

FMC

AMERICAN INDUSTRY NOW ROLLING IN HIGH GEAR!

Chemical Engineers, Machinery Scouts, Purchasing Agents and Expeditors who make FMC their port of call seem very pleased to have discovered a source which CAN SUPPLY really rebuilt equipment to keep their production lines rolling. Try FMC for YOUR requirements too.

3 NEW Shriver 12" Cast Iron Filter Presses, (one each rubber covered), 12 chamber and 24 chamber with stainless steel pumps

1 Shriver 24" Cast Iron Filter Press with 29 jacketed plates

1 Sperry 15" Bronze Filter Press with 13 bronze plates

1 Sperry 42" Cast Iron 57 plate Press

1 Sweetland No. 10 Filter, 54 leaves

35 Steel Storage Tanks up to 20,000 gal.

60 New and Rebuilt Kettles up to 500 gal.

3 Dopp Kettles, jktd., 50 gal.

6 Steel Vacuum and Pressure Tanks, jktd. and agitated, 1200 gal., 5' x 10'

6 Copper jktd. Vacuum Pans, 3' to 5'

2 Copper Pot Stills, 675 gal., 1600 gal.

2 Copper Columns, 27" x 23', 38" x 37'

15 New and Rebuilt Dry Mixers up to 2000 lbs.

12 Kneaders and Mass Mixers of standard makes, Day, Ross, Read, Baker Perkins, 9 gal. to 100 gal.

9 jktd. Heavy Duty Mixers, W. & P. 50 gal. to 150 gal.

Micro Pulverizers, No. 4, 24", with motors

8 Steel Rotary Kilns, 7'6" x 60'

2 Devine Rotary Vacuum Dryers, 5' x 30'

2 Louisville Steam Tube Dryers, 6' x 35'

1 Steel Rotary Digester, 6' x 17'6"

6 Buhrstone Lined Pebble Mills, 6' x 6'

2 Abbe Smidth Tube Mills, 4'6" x 18'9½"

1 Hardinge Mill with liners, 8' x 22'

1 Continuous Ball Mill, 5' x 8'

Large Stock of Pony Mixers, Lead Mixers, Processing Vessels, Vacuum Pumps, Fillers, etc.

Send for Complete Specifications on Items Which Interest You

List Your Surplus Equipment With FMC for Quick and Satisfactory Disposal

FIRST MACHINERY CORP.

FMC

9th St. & EAST RIVER DRIVE

NEW YORK CITY

Business Wants and Offers

RATES PER INSERTION—PAYABLE IN ADVANCE

Help Wanted and Positions Sought — Minimum $2.00, thirty-six words or less; 35c for each additional six words.

All Other Classified Advertisements — $5.00 thirty-six words or less; 85c for each additional six words or fraction.

Equipment Offered

LABORATORY EQUIPMENT — Need equipment? Contact us. We have available for immediate delivery hydraulic presses, analytical balances, Tyler sieves, Ertel filter, autoclaves, penetrometers, microscopes, viscosimeters, water baths, polariscopes, saccharimeters, De-Laval multiple clarifier, etc. Buy and sell with confidence. The Laboratory Exchange, 24 E. 21st St., New York City.

Equipment Wanted

WANTED—Our expansion program requires additional equipment. We need iron and wood filter presses, jacketed kettles, mixer, pulverizer, dryer, etc. No dealers. Send your offerings to BOX 303, Oil, Paint and Drug Reporter.

EQUIPMENT WANTED for the hydrogenating of carnauba wax. Send details and photo with replies. BOX 345, Oil, Paint and Drug Reporter.

LABORATORY ELECTRIC bake oven, 36-in. square inside measurements, range 1000° F., full automatic controls. BOX 332, Oil, Paint and Drug Reporter.

Materials Offered

PETROLATUM SNOW white, 54 drums 400 lbs. each; petrolatum extra amber, 54 drums 400 lbs. each. Phone Buckminster 2-6711.

Materials Offered

FOR SALE—Lot good mixed bristle brushes. Good buy. BOX 343, Oil, Paint and Drug Reporter.

CACODILIC ACID, sodium, guaiacol and Iron cacodilates, U.S.P. XI quality guaranteed. We offer best prices on substantial orders. Indicate quantities required. Biosynth Laboratories, S. de R.L., Calzada de San Antonio Abad 136, Mexico, D.F., Mexico.

PAINTERS CAPS, paperhanger aprons and all other forms of cloth advertising specialties; samples and information on request. Minnesota Specialty Co., 119 N. Fourth street, Minneapolis, Minn.

Materials Wanted

TO MANUFACTURERS and jobbers—Are you overstocked? We require immediately large or small lots, many items, chemicals, pharmaceuticals, solvents, aromatics, waxes, other supplies. Submit offerings at once. Correspondence treated confidentially. BOX 338, Oil, Paint and Drug Reporter.

WILL PURCHASE your surplus and discontinued chemicals, drugs, oils, waxes, dyes, solvents, etc., and will pay highest cash prices for same. Thoroughly familiar with WPB regulations. Will make immediate offer. Write fully. BOX 302, Oil, Paint and Drug Reporter.

—Continued on page 63

WANTED

Mead Pony Mill, stainless steel dough mixer; 125 gallon jacketed, stainless steel or glass-lined tank, 1½ in. bottom outlet; 8 oz. or 4 to 16 oz. bottle filler, screw capper; receiver box with conveyor and elevator for 16 in. Schultz-O'Neill mill. Box 352, Oil, Paint and Drug Reporter.

— FOR SALE —
350 TONS
TECHNICAL
AMMONIA ALUM
$30.00 PER TON F.O.B. N.Y.C.
In 100 lb. burlap bags
CHEMICAL SERVICE COMPANY
235 FOURTH AVE., N.Y.C. Tel. ST. 9-0133

★ PUT AN AX TO THE AXIS ★

SAVE WEEKS OR MONTHS USE "CONSOLIDATED" EQUIPMENT

LIQUIDATION
Equipment of
Waste Disposal and Reduction Plant
Boston Harbor, Mass.

4—5' x 40' Direct Heat Rotary Dryers
25—Open and Closed, Steel Storage and Pressure Tanks, 500 to 17,000 gallons
18—Digestors, tile lined, cone bottom, 7'5" dia. x 16', 5600 gallons
2—Bartlett & Snow Percolators, 8'7" dia. x 15' long
2—Bartlett & Snow steam jacketed Reducers, 10' dia. x 4' deep, sweeping agitators
1—Sturtevant Fertilizer Unit, complete, including grinder, elevator, screen, mixer, etc.
1—Mitts & Merrill CRE No. 15 Shredder, 75 HP motor
1—Hydraulic Press, 42" platen, with hydraulic pump
3—250 HP Heine Water Tube Boilers, 150 lb. pressure, Mass. std.
1—Baldwin Steam Locomotive, 27 ton, standard guage
1—Curing Chamber, 15' x 21' x 27' high
Miscellaneous: Steam Pumps, Motors, Steam Engine, Royer Disintegrator, Model C-2
Send for Complete List

8—PEBBLE MILLS 1—Patterson 6' x 7', Silex Lined; 1—6' x 5', Steel Lined; 1—32" x 42" rubber lined; other sizes.
6—3 ROLLER MILLS, up to 16 x 40.
8—4,000 lbs., 2,000 lbs., 1,000 lbs., 600 lbs., DRY POWDER MIXERS; other sizes.
2—W. & P. MIXERS, size 21-X-BB Jacketed, 625 gal.; 1—size 15, 100 gal. jacketed; 1—size 14, 50 gal. Jacketed; other sizes.
4—4' x 6' Iron OLIVER CONTINUOUS FILTERS.
9—HEAT EXCHANGERS, Ahlberger; 50, 100, 300, 440 sq. ft. heating surface; other smaller sizes.
3—Croson Morris 48" Copper basket, direct m.d. CENTRIFUGALS, ball bearing.

LIQUIDATING
Former
LION BREWERY
108th St. and Columbus Ave.
New York, N. Y.

27—Horizontal 10' dia. x 23' long, WOOD TANKS, 3" staves, 14,000 gals.
Miscellaneous: Brew and Bottling Equipment, 8,000 gal. Jacketed, Agitated Kettles, Boilers, Pumps, Keg Equipment, Rubber Tubing, Tons of Pipe, Valves and Fittings.
SEND FOR PRINTED CIRCULAR
ARRANGE TO INSPECT—
REPRESENTATIVE ON PREMISES

5—RAYMOND PULVERIZERS; 5—Roll High Side; No. 1 eater Type; No. 0000.
2—All Copper EVAPORATORS; 1 Badger triple 450 sq. ft. per effect, complete; 1—Standard triple 350 sq. ft. per effect, complete.
1—Vilter AMMONIA COMPRESSOR, twin, horiz., 250 tons, direct m.d. to West. 500 HP synchr. Motor, 3-60-440 V.
1—Vilter AMMONIA COMPRESSOR, 40 tons, m.d. with 100 HP 3-60-440 V.
17—RUBBER LINED Rectangular TANKS, 1—220 gal., 2—1,000 gal.; 2—650 gal.; 9—500 gal.; 2—200 gal.; 1—150 gal.
2—Rotary VACUUM DRUM DRYERS; 1—Buffalo 48" x 40" Single Bronze Drum; 1—Devine 5' x 9' Double Bronze Rotary VACUUM DRUM DRYER.
7—ROTARY VACUUM DRYERS: 1—Buffalo, 5' x 30'; 5—Devine 4' x 25'; 1—Devine, 4' x 30'.
3—ATMOSPHERIC DRUM DRYERS: 2—Anco 4' x 9', single drum; 1—4' x 8'.
50—25 gal. MONEL open TANKS; 12—45 gal.
2—36" x 84" Double Drum ATMOSPHERIC DRYERS (new); 3—28" x 60", B. & C., m.d.
35—CENTRIFUGAL EXTRACTORS, 12" to 72" bronze and steel baskets, belt and motor drives.

LIQUIDATING
SurplusEquipment of Large
N.Y. PAINT & VARNISH Mfr.
Storage Tanks, Roller Mills, Paste Mixers, Change Can Tanks, Pumps, Factory Trucks, etc.
Send for complete list. Act Now.

1—PNEUMATIC SCALE PACKAGING UNIT.
1—No. 9 SWEETLAND FILTER, 42 leaves, on 2½" ce.
1—14' dia. WEDGE FURNACE, 7—hearth, complete.
1—Sperry 42" x 42" CAST IRON FILTER PRESS, plate-frame, 55 chambers; 1—Shriver 36" x 36", washing 66 chambers; 20 others, 30" x 30" to laboratory sizes.
2—Direct Heat Rotary DRYERS; 1—6' x 24' Iroquois and 1—5' x 30' Iriquois, ½" shells; 1—4' x 30'.
1—36" dia. Cast Iron COLUMN, 23' high.
2—6' dia. & 2' deep Bartlett & Snow steam jacketed COOKERS or DIGESTERS.
1—P. & S. 9—truck ATMOSPHERIC DRYER, 1,562 sq. ft. tray surface.
1—355 c.f.m. Ingersoll Rand AIR COMPRESSOR, 100 lb., A.C. Motor.
1—20' dia. x 10' DORR THICKENER.
1—5' x 50' ROTARY KILN.
1—Church VOLUMETER, for proportioning.
1—4' x 10' ROD MILL, steel lined.
1—Dings MAGNETIC SEPARATOR, for 15" belt.
1—TRIPLE EFFECT EVAPORATOR, cast iron bodies, copper tubes and copper tube sheets, total 4400 sq. ft. heating surface, complete with pumps.

WANTED: Idle Machines
Single Items or Complete Plants.
You can help War Production by sending us your list.

Send for "Consolidated News" listing complete stock

We Buy and Sell From a Single Item to a Complete Plant

FOR 25 YEARS A SYMBOL OF CONFIDENCE

CONSOLIDATED PRODUCTS CO., INC.
13-18 Park Row, New York
Shops: 335 Doremus Avenue, Newark, N. J.

Business Wants and Offers

—Continued from page 62

Plants Wanted

PIGMENT PLANT wanted—To buy or lease, equipped for manufacture of precipitated organic and inorganic pigments. Running business preferred. BOX 344, Oil, Paint and Drug Reporter.

Positions Vacant

EXECUTIVE WANTED—Position open as general manager of long established soap factory. Must be generally familiar with raw material purchases, production, advertising and selling. This would be permanent position with excellent postwar prospects for the right man. In answering give age, draft status, full experience and salary expected, also photograph if available. BOX 337, Oil, Paint and Drug Reporter.

PAINT TINTER wanted. All types of paints and enamels. Must be over 38. Good salary. Excellent opportunity for the right man. Plant located in Northern New Jersey. BOX 346, Oil, Paint, and Drug Reporter.

Specials

DRYERS—KILNS—FURNACES

1—7'6"x75' Christie Dryer.
3—Atmospheric Double Drum, 3'x8', 4'x9'.
3—Devine 2'x10' 4'x30' Rotary Vacuum.
7—Rotary, 3'x18', 3'x30', 4'x30', 5'x25', 6'x65', 6'x100'.
1—Rotary Indirect, 6'x45', monel lined.
2—Hersey Rotary Indirect, 5'x25', 6'x28'.
4—Herreshoff, Wedge, U. S. Furnaces.
4—Rotary Kilns, 6'x50', 8'x125'.

KETTLES—PANS—AUTOCLAVES

2—Buffalo 6' dia. Atmospheric Crystallizers.
1—Steel Jacketed Mixing Kettle, 5' dia. x 6' high.
1—Buflovak Impregnating Kettle, 42"x80".
5—Copper Vacuum Pans, 2', 2'6", 7' dias.
25—Copper Jcktd. Kettles, 10 to 300 gals.
9—Steel Jcktd. Kettles, 50 to 2500 gal.
4—Autoclaves, 5, 25, 80, 150 gals.
1—Stainless Steel, 100 gal. Agtd.

CENTRIFUGALS

1—American Tool 40" Rubber Lined Basket, motor driven with 15 HP AC motor
2—Tolhurst 60" Copper Baskets
1—Weston 40" Suspended, 40 HP AC motor.
3—Tolhurst 40" Suspended 15 HP AC motors.
5—Tolhurst 43", 40", 48", self-balancing
6—Sharples No. 6 Centrifuges.
4—DeLaval Nos. 280, 300, 600, 700.

MIXERS

2—Day No. 30 Imperial, Jcktd., 75 gal.
10—Trough Mixers, Lab., to 75 gal.
5—Change Can, 8 to 40 gal.
4—Lead and Paste Mixers, 50 to 100 gal.
1—Day Universal, Jcktd., 265 gal.
20—Day Powder Mixers, 25 to 2000 lb.

FILTERS

1—Sperry 36"x36", cast iron, 48 chambers.
2—United 30"x36", cast iron, 41 chambers.
10—Shriver Skeletons, 12" to 36" square.
8—Kilby 30"x30", cast iron, 38 chambers.
5—Oliver Rotary 6'x4' to 12'x8'.
3—Sweetland Filters, Nos. 5, 7, 10.
2—Stoneware Filters, 50 and 100 gals.

PULVERIZERS—GRINDERS

1—No. 1 Raymond Mill, motor driven.
7—200 gal. Pebble Mills, 4½'x3½'.
8—Rubber Lined Pebble Mills, 24"x36", 36"x36", 75 to 100 gal.
15—Pebble Mills, Lab. to 265 gal.
6—Day, Ross Roller Mills, 5"x12", 9"x24", 12"x32", 16"x40".
3—Raymond Roller Mills, 2, 4, 5 rolls.
3—Raymond Pulverizers, Nos. 0000, 00, 3.
1—Mikro Pulverizer, 24".
5—Hardinge Ball Mills, 3' to 8' diss. Colloid Mills, ½ to 100 HP.
5—Colloid Mills, ½ to 100 HP.
15—Hammer Mills, Williams, Jaybee, etc.

TANKS

1—350 gal. Rubber Lined.
3—Lead Lined, 1700 gal., Vacuum.
1—Lead Lined, 1700 gal., with agitator.
2—20'x20', open top, Steel.
3—Copper, 2000, 2500 gal.
10—Glass Lined, 50 to 1000 gal.
19—Steel, 3500 to 20,000 gal., 8'x33'.

MISCELLANEOUS

1—50 HP Locomotive Type Boiler, 125 lb. pressure.
5—Rotex, Tyler Screens.
6—Vapor Heaters, 100 to 500 sq. ft.
1—S. & K. Heat Exchanger, 27 sq. ft.
1—Single Effect Evaporator, 3300 sq. ft.
2—Glens Falls Sulphur Burners.
40—Pumps, Centrifugal, Rotary, 1" to 6".
10—Vacuum Pumps, Devine, Buffalo, Nash.
3—Duriron, Olivite, Lead Acid Pumps.
1—Badger 1000 gal. Copper Still. Lead Pipe & Valves, 2" to 6". Screw Conveyors, Bucket Elevators

YOUR INQUIRIES SOLICITED

SEND US YOUR LISTINGS

BRILL Equipment Co.
183 VARICK STREET NEW YORK

Positions Vacant

ASSISTANT SALES executive; must have sales experience and qualified to write sales promotion copy with industrial, chemical or oil background; please furnish complete details, age, marital status and previous earnings. BOX 350, Oil, Paint and Drug Reporter.

PAINT SALESMAN over draft age with paying clientele, also experienced in selling government agencies in New York and Washington. Compensation, salary and commission. BOX 353, Oil, Paint and Drug Reporter.

WHAT HAVE YOU FOR SALE?

Heretofore, we have called your attention to specials we have had from time to time.

We have frequent calls from firms engaged in War Industries for critical machinery. Perhaps that idle piece of equipment in your plant will answer such an inquiry.

We will buy single items or complete plants for cash. Write or wire giving us detailed information on any surplus units you may have.

Machinery & Equipment Corporation
59 East 4th Street New York City

LOCATED PHILADELPHIA, PA.

4—BUCKEYE 15 BOX HYDRAULIC OIL PRESSES, 16" RAM, 24" STROKE, 4,000 LBS. P.S.I.
1—No. 2½ EUREKA VERT. BREAKER.
3—DOUBLE STAND STEEL 4 ROLLER MILLS, 7" x 18", AND 7½" x 30" ROLLS.
1—No. 21 BUFFALO CHOPPER.
2—SHRIVER IRON FILTER PRESSES.
3—JOHNSON IRON FILTER PRESSES.
1—SCHUTZ-O'NEILL 20" PULVERIZING MILL WITH COLLECTOR.
1—STANDARD AUTOMATIC CAPPER.

WRITE FOR BULLETIN L 19

1—Badger 42" Monel Alcohol Column
1—W.& P. 150 gal. Jack. Mixer, Size 16
1—Faust 150 gal. Jack. Double Spray Mixer.
1—3 Roll High Side Raymond Mill
2—5 Roll W.C. 16" x 40" Steel Roller Mills.
1—Devine 4' x 30' Rotary Vacuum Dryer.
43—Stainless Steel Filter Press Plates, 24"x24".
4—4,000 gal. Vert. Acid Proof Tanks.
2—Sweetland Filters, Nos. 5 and 8.
1—Ball & Jewell No. 1½ Rotary Cutter.
1—No. 4 Mikro Pulverizer.
12—Iron and Wood Filter Presses, 18" to 36".
1—No. 2 Oliver Duplex Vac. Pump, 14" x 8".
1—Pennsylvania Vac. Pump, 14" x 5".
2—Worthington 12" x 12" x 12" Vac. Pumps.
1—Beach-Russ No. 6 Compound Vac. Pump.
1—De Laval No. 301 Multiple Clarifier, M.D.
5—Ross 8, 15 and 40 gal. Pony Mixers.
4—Ross 3 Roll Mills, 12" x 30" and 16" x 40".
10—Pebble and Jar Mills, Lab. to 750 gals.
2—Tolhurst Centrifugals, 32" and 40".
8—Stone Mills, 10" to 32".
8—Lead and Paste Mixers, 50 to 135 gals.
6—Horiz. and Vert. Mixers, up to 500 gals.
10—Glass Lined & Steel Tanks up to 4,000 gals.
6—Vert. Jack. Kettles, up to 500 gals.
20—Copper Jack. Kettles, up to 150 gals.
1—Schultz-O'Neill No. 1 Sugar Pulverizer.
1—Jeffrey 24" x 18" Type A Hammer Mill.
3—Single and Double Roll Spike Crushers.
2—No. 0 and No. 1 Raymond Mills.
6—Williams & Jay Bee Hammer Mills.
—Bauer 22" Attrition Mills.
1—Stedman 42" Ball-Bearing Disintegator.
15—Electric Agitators, ¼ to 10 H.P.
20—Rotary, Centrifugal and Vacuum Pumps.
6—Liquid, Paste and Powder Fillers.

Only Partial Listings
Write for Complete Bulletins
We Buy Your Surplus Machinery

STEIN EQUIPMENT COMPANY
Department E
426 BROOME ST., NEW YORK CITY

Positions Vacant

ASSISTANT SUPERINTENDENT wanted. Medium size, progressive paint manufacturer requires services of assistant superintendent. Must have knowledge of production and color matching. Excellent opportunity to advance. State salary expected and draft status. Factory in Metropolitan New York. BOX 347, Oil, Paint and Drug Reporter.

Positions Wanted

CHEMICALS OR related materials. Could you use salesman, headquarters N. Y. C. Constructive ideas. Executive ability. Enviable sales record. Available due war conditions. Straight commission preferred. BOX 321, Oil, Paint and Drug Reporter.

ECONOMIC BOTANIST — Thorough knowledge and experienced in medicinal plants, spices and essential oil crops, Agricultural college and university graduate. Administrative abilities. Languages. Reliable. Draft exempt. Wants responsible position. BOX 298, Oil, Paint and Drug Reporter.

PRODUCTION MAN—Twenty years' experience in manufacturing pigments and metal smelting. Energetic, reliable man with best references, non-citizen, wants position. BOX 342, Oil, Paint and Drug Reporter.

FOREIGN TRADE specialist. Years' residence, travel in principal markets of the world. Administration, marketing, research, surveys, management. For years successfully carrying on business with chemical, engineering and allied industries. Qualified by experience and training produce results any field. American. Write only. BOX 62, c/o Arkenberg Special Agency, 140 Nassau street, New York City.

POSITION WANTED: By formulator who has specialized in the formulation, production and service of industrial paints, enamels and varnishes. Working knowledge of clear and pigmented lacquers. Practical knowledge of factory operations. Some sales experience. Would like connection with an aggressive manufacturer of finishing materials leading to sales or sales service work. BOX 348, Oil, Paint and Drug Reporter.

MAN OVER forty with chemical background and more than 10 years sales experience in raw materials, pigments, resins, oils, etc., wants connection in sales or technical capacity. Location New York. BOX 349, Oil, Paint and Drug Reporter.

Used Equipment

Do you direct your inquiries—both buying and selling — to only the largest dealers?

If *reputation* and not *size* is important, then try us.

—●—

EMSCO EQUIPMENT COMPANY
EMIL A. SCHROTH, Owner
41 HYATT AVE. NEWARK, N. J.
Phone: Mitchell 2-3536

Fertilizer Distribution Order Is Revised

OPD Washington Bureau

An amendment to food production order No. 5, governing delivery and distribution of chemical fertilizers, was announced March 26 by the Department of Agriculture.

Some of the changes made by this amendment 2, effective March 27, are:—

(1) Delivery of any chemical fertilizer may now be made in 80-pound packages. With a few exceptions, delivery was originally limited to packages of not less than 100 pounds. Several fertilizer plants found it impossible to change from 80-pound to 100-pound containers because of inadequate bagging equipment.

(2) Delivery and use of starter fertilizer for solutions needed for transplanting vegetable crop plants may now be made. The transplanting operation requires only a small amount of soluble high-analysis fertilizer and is highly important to the vegetable production program.

(3) Fertilizer containing chemical nitrogen is no longer available for field-grown cut flowers. This permits increased supplies for food crops.

(4) Permission is granted for the delivery and use of multiple-strength grades of fertilizer on the same nitrogen-content basis as ordinary-analysis fertilizers. This provison makes possible the use of multiple-strength grades with an equivalent amount of nitrogen per acre.

—O-P-D—

Thermoplastics Uses Further Restricted

OPD Washington Bureau

General preference order M-154, controlling the use of thermoplastics, was completely revised by WPB March 26 to extend greatly the list of civilian products in which thermoplastics may no longer be used and to tighten controls over its use in unrestricted items.

Under the amended order, no larger quantities of thermoplastics may be used in the manufacture of unrestricted items than are necessary to accomplish the item's functional purpose, and none may be used in the manufacture of decorative attachments. To relieve a freeze on inventories an exemption is provided allowing use of thermoplastics, currently in the hands of users, in the manufacture of restricted items, and any person may also use thermoplastics in the possession of his suppliers, that have been processed prior to the restriction date in such a manner that they cannot be used for unrestricted articles.

Thermoplastics are defined as the following synthetic resins and cellulose derivatives:—cellulose acetate, bellulose acetate-butyrate, plasticized cellulose nitrate (nitrocellulose), plasticized ethylcellulose, and polymers and copolymers of styrene. Exceptions from the definition are plasticized nitrocellulose used in explosives and protective coatings and also styrene copolymerized with butadiene.

—O-P-D—

Bids Wanted

Calcium Arsenate:—11,000 pounds. Division of Purchase, Sales and Traffic, Department of Agriculture, Washington; invitation 846-43, openings March 30.

Caustic Soda:—32,016 13-ounce containers, Purchasing Agent, Post Office Department, Washington; invitation 35, openings April 5.

Decalcomanias Numerals:—6,000 pounds, Purchasing Agent, Post Office Department, Washington; invitation 2005, openings April 2.

Fertilizer:—11 tons, Warden, Justice-Prisons, Federal Reformatory, Petersburg, Va.; invitation 9-1360, openings March 29.

LEADING EASTERN PHARMACEUTICAL HOUSE

requires the services of an **experienced trained chemist** to take charge of department producing **drug extracts, oleoresins** and **similar basic galenicals** in bulk quantities. Pharmaceutical qualification desirable but not absolutely necessary. Appointment affords excellent, permanent opportunity for advancement to high type man. Do not apply if fully engaged in war work.

Full particulars of experience, salary required, age, religion, nationality and draft status to Box 351, Oil, Paint and Drug Reporter.

Shipping Information

All matter under this head fully protected by copyright

New York Imports

ALOE—4 cs, Schutte & Focke
BABASSU KERNELS—4,999 bgs, Bankers Trust Co
1,666 bgs, First National Bank
CASTOR BEANS—5,100 bgs, 765,000 lbs, National City Bank
1,700 bgs, 255,000 lbs, Spencer Kellogg & Sons
1,700 bgs, 255,000 lbs, Commercial Bank & Trust Co
1,700 bgs, 255,000 lbs, Irving Trust Co
31,237 bgs, 4,685,550 lbs, Baker Castor Oil Co
8,500 bgs, 1,275,000 lbs, First National Bank
1,700 bgs, 255,000 lbs, Bank of the Manhattan Co
CHALK, PRECIP—300 bgs, H J Baker & Bro
CHEMICALS—12 cs, Ratin Laboratories
CINNAMON QUILLS—71 bls, 7,100 lbs, Catz American Co
100 bls, 10,000 lbs, Volkart Bros
100 bls, 10,000 lbs, G E Nixon
100 bls, 10,000 lbs, Joensson & Cross
22 bls, 2,200 lbs, Nordal & Co
50 bls, 5,000 lbs, Irving Trust Co
75 bls, 7,500 lbs, O B Hirsch & Co
75 bls, 7,500 lbs, Archibald & Kendall
56 bls, 5,600 lbs, J H Faunce Co
100 bls, 10,000 lbs, Holland Colombo Trade Society, Inc
200 bls, 20,000 lbs, A G Dunn
112 bls, 11,200 lbs, C M Van Sillevoldt, Inc
100 bls, 10,000 lbs, R F Downing & Co
COCOA BEANS—6,550 bgs, 1,310,000 lbs, Nieschlag & Co
900 bgs, 180,000 lbs, Bank of London South America
600 bgs, 120,000 lbs, Wood & Selick
7,900 bgs, 1,580,000 lbs, Wessel, Kulenkampf & Co
5,217 bgs, 1,043,400 lbs, General Food Corp
1,100 bgs, 220,000 lbs, Bank of the Manhattan
700 bgs, 140,000 lbs, Hershey Chocolate Corp
600 bgs, 120,000 lbs, Wessel, Duval & Co
3,500 bgs, 640,000 lbs, Carl M Loeb Rhoades & Co
3,180 bgs, 636,000 lbs, A C Israel Commodity Corp
7,500 bgs, 1,500,000 lbs, Cocoa Trading Co
92,728 bgs, 16,545,600 lbs
COPRA—11,500 cwts
CUTTLEFISH BONES—67 cs, 6,700 lbs, Gerhard & Hey
FILTER PAPER—1 cs, American Express Co
KYANITE—153 tons
100 tons, Golwynne Chemical Corp
MUSTARD DROSS—360 bgs, Atlantic Sales Corp
OIL, CASTOR—250 dms, Bank of the Manhattan Co
CINNAMON—3 dms, 2,315 lbs, Givaudan-Delawanna
CITRONELLA—9 dms, Wessel, Duval & Co
10 dms, R J Prentiss & Co
7 dms, Magnus, Mabee & Reynard
CODLIVER—260 dms
ESSENTIAL—1 dm, S Stern Stiner & Co
LAVENDER—2 cs, S Stern Stiner & Co
SAGE—1 cs, S Stern Stiner & Co
PAPAIN—8 cs, 840 lbs, S B Penick & Co
12 cs, 1,477 lbs, C L Huisking & Co
19 cs, American Ferment Co
18 cs, 1,440 lbs, Holland Colombo Trade Society, Inc
15 cs, 1,120 lbs, Kachurin Drug Co
10 half chests, 1,304 lbs, Dodwell & Co
PAPRIKA—100 bgs, 11,000 lbs, Levy & Levis Co
50 bgs, 5,621 lbs, Van Rooy Coffee Co
RESIN, VEGETABLE—50 bgs, Herman Weber
ROSIN—50 bgs, Schutte & Focke
SCOPOLA ROOT—20 bgs, United States Forwarding Co
VANILLA BEANS—150 cs
WAX, BEES—38 bgs, Schutte & Focke
11 bgs, Geck Trading Co
96 pkgs, E A Bromund Co
CARNAUBA—402 bgs, Wm M Allison & Co

—O-P-D—

Baltimore Imports

SODA NITRATE—12,000 tons

—O-P-D—

Foreign Trade Rules

Casein:—The importation of casein into Canada is prohibited except to importers licensed by the Dairy Products Board, who must also obtain an import permit from the board.

Potash Permanganate: — Argentina has ruled that supplies may be used only for the following purposes and in the following proportions: medical and laboratory uses, 70 percent; tanning, 28 percent; and photographic uses, 2 percent.

Syria Taxes:—The ad valorem taxes collected upon issuance of import and export licenses, in Syria have been increased from 1 percent to 2 percent for import licenses, and from 2 percent to 4 percent for export licenses, by a recent Syrian decree.

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Grease Oil Producers Advisory Group Named

OPD Washington Bureau

Members of the Grease Oil Producers Industry Advisory Committee of the War Production Board include Abrams Berg, jr., Neatsfoot Oil Corporation, Philadelphia, Pa.; Harry Bernstein, Marcus Ruth Jerome Company, Neville, Island, Pittsburgh, Pa.; C. L. Delaplane, Swift & Co., Chicago; G. G. Fox, Armour & Co., Chicago; Charles M. Morrison, jr., Reilly, Whiteman, Walten Company, Conshohocken, Pa.; N. E. Pfau, George Pfau's Sons Company, Jeffersonville, Ind.; Dominic Meo, Salem Oil & Grease Company, Salem, Mass.; Robert D. Smith, Independent Manufacturing Company, Philadelphia, Pa.; William J. Smith, Enterprise Animal Oil Company, Philadelphia, Pa.; J. C. Stentz, John Morrell & Co., Ottumwa, Iowa; Achille Ricard, Ricard-Brewster Oil Company, Wilmington, Del.; and Frank F. Voris, Martin Dennis Company, Newark, N. J.

—O-P-D—

WPB Abolishes Offices in Reorganization

—*Continued from page 3*

tions of Mr. Wilson, it will be the duty of Mr. Krug to supervise the following organization units and functions:—

1. Distribution Bureau (except the program implementation branch and the procedural functions of the policy and procedure branch of the priorities control division). 2. Office of Food Consultant. 3. Program Bureau. 4. Production Scheduling Plans and Policy. 5. Stockpiling and Transportation Division.

Mr. Krug also will serve as chairman of the Requirements Committee.

Organization Units

Among the organization units to be supervised by Mr. Davis are:—

Commodities Bureau, which includes the Chemicals Division, Containers Division, Cork, Asbestos, and Fibrous Glass Division, Printing and Publishing Division, and Pulp and Paper Division. Conservation Division; General Industrial Equipment Division; Minerals Bureau; Office of Director of Industry Advisory Committees, and the Redistribution Division.

The duties of Mr. Cordiner are to be those that may be assigned to him by Mr. Wilson, but he will at the same time supervise and direct the following:—

1. Facilities Bureau (including the facilities review committee and the facilities clearance board. 2. Facilities Division. 3. Office of Production Research and Development. 4. Office of Progress Reports. 5. Office of Special Projects. 6. Planning Committee. 7. Procurement Policy Division. 8. Resources Protection Board. 9. Statistics Division.

Mr. Batt, in addition to his duties as United States member of the Combined Raw Materials Board, will represent Mr. Wilson on the Combined Production and Resources Board, will serve as United States member of the Joint War Production Committee—United States and Canada and will represent the United States on the United States-Canadian Materials Coordinating Committee. He will also generally represent WPB in dealing with problems and maintaining relationships concerned with the broad aspects of international supply and requirements.

—O-P-D—

Industrial Funnels Quota Allowances Made

OPD Washington Bureau

Quota allowances have been granted to manufacturers of industrial funnels to permit production of these operating accessories, and of certain cans for use in mining operations and petroleum distribution. These are the major changes provided in order No. L-30-a, as amended by the War Production Board. Minor formal changes bring the order up to date.

—O-P-D—

Calif. Toluene Plant Completed by Standard Oil

The Standard Oil Co. of California has completed one of the largest plants in the country for the production of toluene. It was built at a total cost of $9,500,000 for government production and was completed three months ahead of schedule.

Chemurgic Conference Discusses Drugs, Spices

—*Continued from page 7*

cooperation home cookery and the food industry "can be fully supplied with many of the spice seasonings from products grown in the U. S. A., our tropical possessions, and some South American countries.

The paprika project at Dillon, S. C., was described by J. C. Bennett, agricultural agent for the Seaboard Air Line Railway, from its origin in 1940 in a group of Yugoslavians with 500 pounds of seed from that country. Descriptions of the various processes of planting, harvesting, preparing, and packing were given.

Paprika growers in the South Carolina community averaged 8,800 pounds per acre in their second year; some of them, Mr. Bennett said, ran up to 12,000 pounds. He said that land which will produce a bale of cotton per acre will make 5 tons of paprika—and pay more. The outlook for this year and for the future was excellent, in Mr. Bennett's opinion.

—O-P-D—

BEW Voids Licenses For Certain Chemicals

—*Continued from page 5*

rials, nitrogenous, n.e.s. (include ammonium chloride and ammonium nitrate); fertilizer mixtures, prepared, n.e.s. (state ingredients); fertilizers, nitrogenous organic waste materials; fertilizers, nitrogenous phosphatic types (include ammonium phosphate); fertilizers, prepared mixtures (mixtures containing 25 percent or more ammonium nitrate, ammonium phosphate, ammonium sulphate, sodium nitrate, or urea) (report percentage of foregoing constituents in mixtures).

Phosphatic fertilizer materials, phosphate materials, n.e.s. (include bone-ash, dust and meal, sintered matrix, and animal carbon for fertilizer, basic slag, South Carolina river rock, castor pomace, etc.); potassic fertilizer materials, n.e.s. (25 percent K_2O content equivalent); potassic fertilizer materials, other than potassium chloride and potassium sulphate, containing 27 percent or more potassium oxide (K_2O) equivalent (25 percent K_2O) content equivalent; potassium chloride (muriate); potassium sulphate; sodium nitrate, n.e.s.; superphosphate 20 percent available phosphoric acid (standard superphosphate equivalent) (include acidulated phosphate), and urea.

Botanical Drugs

—*Continued from page 54*

Seeds

Anise. — Recleaned Mexican seed, spot delivery, fetching slightly higher price at 30c. to 30½c. per pound.

Caraway.—Dewhiskered Syrian advanced sharply to 48c. to 50c. per pound as demand expands in size and activity.

Celery. — Substantial transactions reported at 32c. per pound. As to quantity, ranges to 34c.

Cumin.—Indian seed advanced to 15½c. to 16c. per pound. Other kinds hold unchanged.

Fennel.—Business done at 9c. to 9½c. per pound, being a moderate advance.

Hemp.—Not overly plentiful and much firmer after advance to 25c. to 26c. per pound.

Mustard.—California brown rises to 15½c. to 16c. per pound.

Niger. — Still higher, closing the week at 16c. to 16½c. per pound.

Poppy.—Turkish seed rises a fraction to 36½c. to 37c. per pound. Indian shaded a fraction to 9¾c. to 10¼c.

Spices

Clove.—Advance continued. Market strong as scarcity pinches values to 20½c. to 21c. per pound for spot Zanzibar. Goods afloat up to 21c. to 21½c.

Ginger.—Bleached cochin shaded to 26c. to 27c. per pound. Jamaica shaded moderately, No. 1 standing at 39½c. to 40c.; No. 2, 29c. to 30c.; No. 3, 27¼c. to 27¾c. African root not mentioned.

Mace.—Banda price jumped to 98c. to $1 per pound and confirmed thereat. West Indian becomes nominal at 75c.

Paprika.—Portuguese advanced to 37c. to 38c. per pound for extra fancy and lowered to 32c. to 32½c. for the good quality.

Peppers. — Carolina long chillies shaded to 20c. to 20½c. per pound. Louisiana sports come on market at 31c. to 32c.

—O-P-D—

Kentucky Standard Oil Company has named David F. Cocks secretary-treasurer, and J. W. Bell vice-president.

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